



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooicentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooicentrum Nederland is geopend. Het blad verschijnt alleen in elektronische vorm. Elk nummer van het blad bestaat uit 14 rubrieken.

Bijblad

Verschijnt vier keer per jaar (januari, april, juli, oktober) in elektronische vorm via www.rvo.nl/octrooien. Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

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Introduction

Patent Bulletin

The Patent Bulletin appears on the 3rd working day of each week. If the Netherlands Patent Office is closed to the public on the above mentioned day, the date of issue of the Bulletin is the first working day thereafter, on which the Office is open. Each issue of the Bulletin consists of 14 headings.

Official Journal

Appears four times a year (January, April, July, October) in electronic form on the www.rvo.nl/octrooien. The Official Journal contains announcements and other things worth knowing for the benefit of the Netherlands Patent Office and its customers.

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Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorrangsgegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes to identify various bibliographic data items without knowledge of the language used and the industrial property laws applied. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of November 1998) and are listed below:

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also application(s)
(81) Aangewezen landen volgens de PCT	(81) Designated States(s) according to the PCT
(83) Informatie over micro organismen	(83) Information concerning the deposit of microorganisms
(84) Aangewezen landen bij regionale octrooien	(84) Designated Contracting States under regional patent conventions
(86) Nummer van omgezette aanvraag	(86) Application number of a PCT-application or number of European patent which is converted into a national application
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(92) Certificaten: nummer en datum van de eerste nationale vergunning voor een geneesmiddel	(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product
(93) Datum en nummer van de eerste EU vergunning voor een geneesmiddel	(93) For an SPC, number and date and where applicable, country of origin, of the first authorization to place the product on the market as a medicinal product within a regional economic community
(94) Expiratiedatum voor een topografie	(94) Calculated date of expiry of the topography
(95) Certificaten: naam van het product	(95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted

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(71) Institute of Animal Health, Guangdong Academy of Agricultural Sciences	Richard van de Wateringen	Juan Wei
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(21) 2029982	A61Q 19/08	(71) PAQELL B.V.
(22) 01.12.2021	A61K 45/06	(74) ir. M. Cramwinckel
(54) METHOD FOR PREPARING COLLAGEN-COATED ADSORBABLE MEDICAL SUTURE	A23L 33/155	(72) Dandan Liu
(71) SHANDONG BODA MEDICAL PRODUCTS CO., LTD.	A23L 33/105	Frederikus de Rink
(74) ir. W.J.J.M. Kempes	A61P 43/00	Johannes Bernardus Maria Klok
(72) Shuo Zhang	(21) 2033616	(51) B01D 53/62
Hongyu Gao	(22) 25.11.2022	B01D 53/83
Yufu Zhang	(54) ANTI-AGEING SUPPLEMENT	(21) 2029981
(41) 19.06.2023	(71) Dormouse BV	(22) 01.12.2021
(51) A61L 31/06	(74) ir. J.P.E. Brants	(54) LOCAL CALCIUM LOOPING AND PURE-OXYGEN (ENRICHED-OXYGEN) COMBUSTION COUPLED CEMENT PRODUCTION CO2 CAPTURE PROCESS AND DEVICE
A61L 31/08	(72) Ellen Crabbe	(71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY
A61L 31/14	(31) BE2021/5922	(74) ir. W.J.J.M. Kempes
A61B 17/221	(32) 26.11.2021	(72) Hui Peng
A61L 31/02	(33) Belgium	Wei Wang
(21) 2029896	(51) A61Q 5/12	Qijun Yu
(22) 24.11.2021	A61Q 5/02	Jiangxiong Wei
(54) ELIMINATION DEVICE FOR HEPATOBIILIARY STONES	A61K 8/92	Tongsheng Zhang
(71) Jian Zhou	A61K 8/9783	Yiqun Gou
(74) ir. W.J.J.M. Kempes	(21) 2029949	(41) 19.06.2023
(72) Jian Zhou	(22) 29.11.2021	(51) B01J 13/00
(41) 15.06.2023	(54) COMPOUND ENZYME HAIR-WASHING AND CONDITIONING LOTION	(21) 2032054
(51) A61M 11/00	(71) HULUDAO YOUULONG HEALTH INDUSTRY CO., LTD.	(22) 01.06.2022
A61M 16/04	(74) ir. W.J.J.M. Kempes	(54) METHOD FOR REGULATING AND CONTROLLING PARTICLE SIZE OF COLLOID IN AQUEOUS
(21) 2029874	(72) Chunhuan An	
(22) 23.11.2021	Yucheng Chen	
	(41) 19.06.2023	
	(51) A63H 33/10	

SOLUTION, OBTAINED COLLOID AND APPLICATION THEREOF	(21) 2029913 (22) 25.11.2021	B01D 67/00 B01D 69/06
(71) Qingdao University of Science and Technology	(54) VERTICAL CONTINUOUS STIRRED BALL-MILLING DEVICE AND OPERATION METHOD THEREOF	B01J 23/24 B01J 23/32 B01J 23/38
(74) ir. M.B. Plaggenborg	(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	B01J 23/74 B05B 1/30 B05B 15/40 B01D 71/02
(72) Ming Tan	(74) ir. W.J.J.M. Kempes	(21) 2029898
Guizhong Zhou	(72) Houhu Zhang	(22) 24.11.2021
Yang Zhang	Xiaochen Lin	(54) METHOD OF MANUFACTURING A CATALYST MEMBRANE
Wenjing Lu	Dapeng Zhang	(71) VSPARTICLE HOLDING B.V.
(41) 15.06.2023	Bing Ma	(74) dr. ir. G.J.C. Verdijck c.s.
(31) 202111394321.0	Zehua Zhao	(72) Tobias Vincent Pfeiffer
(32) 23.11.2021	Yuanshun Xu	Wilbert Lintle Vrijburg
(33) China	(51) B02C 17/10	Michail Tsampas
(51) B01J 31/06	B02C 23/24	Foteini Sapountzi
B01J 31/22	B02C 17/16	Sofia Dimitriadou
B01J 35/00	B02C 17/18	(41) 15.06.2023
C01B 21/48	(21) 2029923	(51) B28B 1/00
C01B 21/30	(22) 26.11.2021	B33Y 30/00
(21) 2032246	(54) VERTICAL HIGH-TEMPERATURE STIRRED BALL-MILLING DEVICE	(21) 2029945
(22) 22.06.2022	(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(22) 29.11.2021
(54) PREPARATION METHOD, PRODUCT AND APPLICATION OF BISMUTH VANADATE/TETRA-CARBOXYPHENYL ZINC PORPHYRIN COMPOSITE MATERIAL	(74) ir. W.J.J.M. Kempes	(54) MULTI-MATERIAL HIGH-SOLID-CONTENT CERAMIC PRINTER WITH RAPIDLY REPLACEABLE FORMING BIN
(71) Wuhan Institute of Technology	(72) Houhu Zhang	(71) Dongguan Keheng Hand Model Co., Ltd.
(74) dr. T. Wittop Koning PhD	Xiaochen Lin	(74) ir. W.J.J.M. Kempes
(72) Tielin Wang	Zehua Zhao	(72) Binghua Wen
Jun Zhang	Yuanshun Xu	Nan Li
Huini Wang	Bing Ma	(41) 19.06.2023
Desen Zhou	Dapeng Zhang	(51) B28B 21/60
(41) 19.06.2023	(41) 16.06.2023	(21) 2033319
(51) B02C 17/08	(51) B05B 1/34	(22) 14.10.2022
(21) 2029924	B05B 1/26	(54) MANUFACTURING DEVICE AND METHOD FOR NOVEL PRESTRESSED REINFORCED CONCRETE PILE
(22) 26.11.2021	(21) 2029978	(71) HuangHuai University
(54) HIGH-TEMPERATURE PLANETARY BALL-MILLING DEVICE	(22) 01.12.2021	ZhengZhou University Multi-functional Design and Research Academy Co. Ltd.
(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(54) APPARATUS FOR GENERATING SELF-EXCITED OSCILLATION JET	(74) ir. M.B. Plaggenborg
(74) ir. W.J.J.M. Kempes	(71) Beihang University	(72) Tonghe Zhou
(72) Houhu Zhang	(74) ir. W.J.J.M. Kempes	Xiuyun Chen
Xiaochen Lin	(72) Zixuan Fang	Xinling Wang
Yuanshun Xu	Penghui Li	Wei Gao
Dapeng Zhang	Qixiang Gao	Juntao Zhu
Zehua Zhao	Qingfei Fu	(31) 202111432573.8
Bing Ma	Lijun Yang	(32) 29.11.2021
(41) 16.06.2023	(41) 19.06.2023	(33) China
(51) B02C 17/10	(51) B09C 1/00	(51) B29B 17/04
(21) 2029925	(21) 2030392	C08J 11/10
(22) 26.11.2021	(22) 02.01.2022	C08L 19/00
(54) HORIZONTAL HIGH-TEMPERATURE BALL MILLING DEVICE	(54) DEVICE AND METHOD FOR SEPARATING AND EXTRACTING MICRO - PLASTICS IN SOIL	(21) 2029863
(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(71) Tarim University	(22) 23.11.2021
(74) ir. W.J.J.M. Kempes	(74) dr. T. Wittop Koning PhD	(54) A process for devulcanizing tyre rubber particles
(72) Bing Ma	(72) Xufeng Wang	(71) Atlantis Rubber Powders B.V.
Zehua Zhao	Zhengxin Xu	(74) ir. A. Blokland c.s.
Houhu Zhang	Xiaowei He	(72) Justin Michael Damster
Xiaochen Lin	Jianfei Xing	Jan Anne Jonkman
Yuanshun Xu	Zaibin Wang	Christopher Michael Twigg
(51) B02C 17/10	Can Hu	(41) 15.06.2023
B02C 17/16	(31) 202111466628.7	(51) B29C 64/40
B02C 17/18	(32) 03.12.2021	B29C 64/118
B02C 23/24	(33) China	B29C 64/393
	(51) B22F 9/14	

B33Y 10/00	(21) 2029873	(51) B63C 11/24
B22F 10/18	(22) 23.11.2021	(21) 1044465
B22F 10/85	(54) Adjustment device for an external vision unit of a vehicle	(22) 15.11.2022
B22F 10/38	(71) MCi (Mirror Controls International) Netherlands B.V.	(54) SCRUBBER-HEATING APPARATUS FOR DIVING REBREATHER
B22F 10/47	(71) JUNIOR CO., LTD.	(71) JUNIOR CO., LTD.
(21) 2029899	(74) ir. H.A. Witmans c.s.	(74) drs. O. Griebing
(22) 25.11.2021	(72) Hendrik Alfred Simeon de Vries	(72) Shao Hang Hung
(54) Method of generating instructions for printing 3D objects with an FFF printer	Emiel Sebastiaan Janssen	Hsin Yu Lo
(71) Ultimaker B.V.	Marinus Jacobus Maria van Zuilen	Yu Shan Zhou
(74) dr. R.C. van Duijvenbode c.s.	Anne Catharina Martha Bekker	Ching Lin Fang
(72) Jiri Konvicny	Arie Anthony de Kan	Pei Jing Lin
(41) 15.06.2023	Paulus Gerardus Maria van Stiphout	Ching Han Fang
(51) B29C 70/52	Tom Adriaan Jansen	(31) 110214070
(21) 2029892	(51) B60R 16/037	(32) 26.11.2021
(22) 24.11.2021	B60Q 3/18	(33) Taiwan, Chinese Taipei
(54) COMPOSITE MATERIAL PRODUCTION LINE AND PRODUCTION METHOD BASED ON VERTICAL GRAVITY TENSIONING METHOD	B60Q 3/62	(51) B63H 9/061
(71) JIANSU YUNXIN ELECTRICAL CO., LTD	B60Q 3/74	B63H 9/08
(74) ir. J.D. de Zeeuw	B60Q 3/80	B63H 9/065
(72) Wenjun Jiang	(21) 2029862	(21) 2029956
Jiayun Jiang	(22) 23.11.2021	(22) 30.11.2021
Chao Chen	(54) Vehicle with smart interior lighting system.	(54) Device for promoting mutual interspace among opposite panels of a soft wing sail, mast, wing sail and boat
(41) 15.06.2023	(71) Atlas Technologies Holding B.V.	(71) Mahbub Rahiq Ullah
(51) B33Y 10/00	(74) ir. J.C. Volmer c.s.	Harm Ronald van den Honert
C03B 19/06	(72) Jasper Elfrink	Sung kyung Park
C03C 27/04	(41) 15.06.2023	Guus Pieter Jacob Pronk
B29C 64/129	(51) B60T 13/66	Gijsbertus Dominicus Draaijer
B29C 64/135	(21) 2029964	(74) ir. H.A. Witmans c.s.
(21) 2029995	(22) 30.11.2021	(72) Guus Pieter Jacob Pronk
(22) 02.12.2021	(54) Brake apparatus for a wheel of a vehicle	(41) 19.06.2023
(54) Werkwijze voor het vervaardigen van ten minste een verbindingsglas-preform om een glasmetaalverbinding, glas-glasverbinding of glaskeramiekverbinding te verschaffen	(71) Atlas Technologies Holding B.V.	(51) B65D 47/26
(71) LouwersHanique B.V.	(74) ir. J.C. Volmer c.s.	B65D 75/58
(74) ir. A. Blokland c.s.	(72) Durandus Kornelius Dijken	B67D 3/04
(72) Paul Peeters	Jaap van de Vorst	B65D 47/28
Nina Maria de Werd	(51) B60T 17/22	(21) 2029929
(41) 20.06.2023	B60T 8/90	(22) 26.11.2021
(51) B60G 11/28	B60T 8/96	(54) Aansluitstuk voor een vulnippel van een dispenser en houder voorzien van het aansluitstuk
B60G 11/27	(21) 2029963	(71) Dipperdip Worldwide Group BV
(21) 2034793	(22) 30.11.2021	(74) ir. G.J.M. Verhees
(22) 10.05.2023	(54) Method for diagnosing an electronic vehicle brake system	(72) Paul van den Hoonard
(54) AIR SUSPENSION HANGER BRACKET STRUCTURE	(71) Atlas Technologies Holding B.V.	Rene van de Poel
(71) ZHENJIANG BAOHUA SEMI-TRAILER PARTS CO., LTD.	(74) ir. J.C. Volmer c.s.	(41) 16.06.2023
(74) drs. C.M.A. Quintelier	(72) Jaap van de Vorst	(51) B65D 88/52
(72) Mingde Yu	Durandus Kornelius Dijken	(21) 1044216
Yong Zheng	Sathish Ramachandran	(22) 24.11.2021
(31) 202211427298.5	(41) 19.06.2023	(54) Method of folding a container
(32) 15.11.2022	(51) B61C 17/04	(71) Box2Build B.V.
(33) China	B61D 23/02	(72) Arthur Vincent Marius Meijers
(51) B60L 8/00	(21) 2029966	(41) 15.06.2023
(21) 2029901	(22) 30.11.2021	(51) B65G 17/24
(22) 25.11.2021	(54) HYBRID LOCOMOTIVE	B65G 47/26
(54) Voertuig met turbomachine	(71) Anhui Wanhang Rail Traffic Equipment Co., Ltd	(21) 2030029
(71) ENGYN Holding B.V.	(74) ir. M.B. Plaggenborg	(22) 03.12.2021
(74) ir. B.J. 't Jong	(72) Quanguai Huang	(54) Werkwijze, transporteur en transportsysteem voor het transporteren van producten
(72) Ivana de Haan	(51) B61L 5/06	(71) Rexnord FlatTop Europe B.V.
(41) 15.06.2023	B61L 5/02	(74) ir. H.A. Witmans c.s.
(51) B60R 1/072	(21) 1044214	(72) Cornelis Hendrik Mijndert Menke
	(22) 24.11.2021	Leonardus Adrianus Catharinus
	(54) Switch drive mechanism for switching a switch rail	Cornelissen
	(71) KamPa B.V.	(41) 20.06.2023
	(72) ir. Jelte Annee Bos	(51) B66C 13/02
	Paul Kampfraath	
	(41) 15.06.2023	

B66C 23/52	(54) METHOD FOR PREPARING POROUS CERAMIC	(41) 19.06.2023
B66D 1/52	(71) MACAO UNIVERSITY OF SCIENCE AND TECHNOLOGY	(51) C12M 1/32
(21) 2029987	(74) ir. A. Blokland c.s.	B01F 31/24
(22) 01.12.2021	(72) Xizhi Zhang	B01F 35/42
(54) Vessel and a crane with heave compensation system	(41) 16.06.2023	C12M 1/00
(71) Kenz Figeer Group B.V.	(51) C08J 3/12	C12M 3/06
(74) ir. F.A. Geurts c.s.	C08F 220/06	(21) 1044220
(72) Marcel van Bennekom	C08F 283/00	(22) 26.11.2021
(41) 19.06.2023	C08G 8/34	(54) A method of incubating cells in a cell-growth unit clamped to a base plate of a shaker device
(51) C01B 21/072	C08K 3/08	(71) Enzyscreen BV
(21) 2033581	C08L 61/14	(72) Wouter Adriaan Duetz
(22) 21.11.2022	C08J 3/075	Servaes Joordens
(54) METHOD FOR PREPARING ALUMINUM NITRIDE POWDER BY SUSPENSION REDUCTION	(21) 2029932	(51) C12N 1/14
(71) Jiangxi University of Science and Technology	(22) 26.11.2021	A01G 22/45
(74) ir. M.B. Plaggenborg	(54) MULTI-FUNCTIONAL HYDROGEL TRIGGERED BY LIGNIN-BASED PHENOLIC RESIN SILVER-LOADED NANOSPHERES AND PREPARATION METHOD AND USE THEREOF	C12R 1/72
(72) Fupeng Liu	(71) Qilu University of Technology	A01N 63/32
Feixiong Chen	(74) ir. M.B. Plaggenborg	(21) 2033342
Shuaibing Ma	(72) Gaojin Lyu	(22) 18.10.2022
Hong Zeng	Han Cui	(54) CANDIDA DUOBUSHAEMULONII AND APPLICATION THEREOF IN CONTROL OF TOBACCO BLACK SHANK
Bin Liao	Weikun Jiang	(71) Yunnan Tobacco Company Kunming Branch
Yong Guo	Yu Liu	(74) dr. T. Wittop Koning PhD
(31) 202111404581.1	Xingxiang Ji	(72) Yonghui Xie
(32) 24.11.2021	Guihua Yang	Xing Zhang
(33) China	(51) C09K 11/06	Sigui Ji
(51) C01G 33/00	G01N 21/64	Zhijiang Wang
C01G 35/00	C07C 255/30	Hongfang Zhang
(21) 2030121	(21) 2031039	Yaqiong Chen
(22) 13.12.2021	(22) 22.02.2022	Yonggui Zhang
(54) METHOD FOR PREPARING LARGE-SIZE HIGH-QUALITY POTASSIUM TANTALUM NIOBATE CERAMIC TARGET MATERIAL	(54) DYE SWITCH WITH DIFFERENT RESPONSE TO FE ³⁺ AND AL ³⁺ AND APPLICATION THEREOF	Daquan Yang
(71) SHANDONG SHANKE SMART-CRYSTAL OPTOELECTRONIC TECHNOLOGY CO., LTD	(71) Dezhou University	Hai Liu
ADVANCED MATERIALS INSTITUTE, SHANDONG ACADEMY OF SCIENCES	(74) ir. M.B. Plaggenborg	(41) 19.06.2023
(74) dr. J. van Straaten	(72) Jing Xu	(51) C12N 1/14
(72) Yuguo Yang	Peng Du	C12R 1/645
Chengcheng Qiu	Yanyan Zhang	(21) 2033340
Xuping Wang	Dunqing Wang	(22) 18.10.2022
Shaodong Zhang	Xin Li	(54) TRICHOSPORON ASAHII AND APPLICATION THEREOF
Xianggang Zuo	Lianwen Zhou	(71) Yunnan Tobacco Company Kunming Branch
Bing Liu	Zhigang Wang	(74) dr. T. Wittop Koning PhD
(31) 202111448241.9	Yuting Chen	(72) Ping Jin
(32) 30.11.2021	(41) 20.06.2023	Zhijiang Wang
(33) China	(31) 202111459664.0	Yonghui Xie
(51) C02F 1/28	(32) 02.12.2021	Daquan Yang
C04B 41/00	(33) China	Dekai Ning
C04B 41/45	(51) C09K 17/40	En Dai
B01J 20/02	C05G 5/12	Facong Qian
(21) 2031899	C05G 3/60	Gang Wei
(22) 17.05.2022	C05G 3/80	Xing Zhang
(54) Gemodificeerd betongranulaat voor de opslag, drainage, infiltratie en/of hergebruik van vloeistof, zoals regenwater	(21) 2029955	Hai Liu
(71) Drainstabil B.V.	(22) 29.11.2021	Hongsong Liu
(74) dr. A.V. Huygens	(54) SOIL CONDITIONER BASED ON BIOCHAR AND AMMONIATED STRAW, PREPARATION METHOD AND USE THEREOF	Sigui Ji
(72) Jan Elbert van Laar	(71) NORTHWEST A&F UNIVERSITY	Mingbo Li
(51) C04B 38/00	(74) ir. M.B. Plaggenborg	Junming Li
(21) 2033277	(72) Shufang Wu	(41) 19.06.2023
(22) 11.10.2022	Qin'ge Dong	(51) C12N 1/20
	Fangyu Shu	A61K 35/745
	Hao Feng	A61P 17/00
	Guangjie Chen	(21) 2029965
		(22) 30.11.2021
		(54) BIFIDOBACTERIUM BIFIDUM (B. BIFIDUM) STRAIN BB-20 AND USE THEREOF IN PREPARATION

<p>OF PRODUCT FOR IMPROVING SKIN QUALITY AND REDUCING PIGMENTATION SPOTS (71) Shandong Zhongke-Jiayi Bioengineering Co.,Ltd (74) ir. M.B. Plaggenborg (72) Jianliang Hou Yulin Pan Weichao Cao Hongliang Liu Cuihua Li Chuan Sun Wenhao Zhou Min Bu Hualei Zhang Yongjuan Zhang (41) 19.06.2023 (51) C12N 5/0735 C12N 5/0793 C12N 5/0797 C12N 5/079 (21) 2029861 (22) 23.11.2021 (54) A method for generating a human cortical spheroid from self-renewing stem cells capable of differentiation (71) NeuroDrug Research B.V. Jan Kelders Beheer B.V. (74) ir. A. Blokland c.s. (72) Gerardus Julianus Maria Martens Kimberly Mary Anne de Kleijn (41) 15.06.2023 (51) C12N 5/16 G01N 33/569 C07K 16/12 (21) 2030002 (22) 02.12.2021 (54) HYBRIDOMA CELL LINE SECRETING MONOCLONAL ANTIBODY AGAINST MYCOPLASMA MYCOIDES CLUSTER, MONOCLONAL ANTIBODY AND ITS APPLICATION (71) LANZHOU VETERINARY RESEARCH INSTITUTE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES (74) ir. M.B. Plaggenborg (72) Yuefeng Chu Yaqin Wu Xinmin Yan Huafang Hao Shengli Chen Yongsheng Liu Tianrong Zhao (41) 20.06.2023 (51) C12N 15/11 C12Q 1/6895 (21) 2029930 (22) 26.11.2021 (54) DEVELOPMENT OF EXPRESSED SEQUENCE TAG-SIMPLE SEQUENCE REPEAT (EST-SSR) MARKERS RELATED TO ABELMOSCHUS ESCULENTUS FRUIT COLORS, AND KIT (71) Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton and Bast Fiber Crops Research) (74) ir. M.B. Plaggenborg</p>	<p>(72) Xia An Changli Chen Xiahong Luo Wenlue Li Lina Zou Guanlin Zhu Tingting Liu (41) 16.06.2023 (51) C12N 15/867 C12N 15/12 A61P 17/00 A61K 38/17 (21) 2029972 (22) 01.12.2021 (54) USE OF INTERFERON ALPHA-INDUCIBLE PROTEIN 6 (IFI6) AND MEDICINE (71) China National Nuclear Corporation 416 Hospital Sichuan University (74) ir. W.J.J.M. Kempes (72) Huimin Jia Sheng Jiang Shuyu Zhang Pengfei Liu (41) 19.06.2023 (51) C12P 5/02 C12M 1/107 C12M 1/00 C12M 1/12 C12M 1/42 C12N 13/00 C25B 3/03 C25B 3/26 C25B 9/40 C25B 11/037 C25B 11/054 C25B 11/065 C25B 11/075 C25B 15/023 C25B 15/08 (21) 2029926 (22) 26.11.2021 (54) A PROCESS TO TREAT A CARBON DIOXIDE COMPRISING GAS (71) PAQELL B.V. (74) ir. M. Cramwinckel (72) Dandan Liu Frederikus de Rink Johannes Bernardus Maria Klok (41) 16.06.2023 (51) C12Q 1/682 (21) 2029944 (22) 29.11.2021 (54) Luciferase-intercalating dye conjugates for ratiometric nucleic acid detection (71) Technische Universiteit Eindhoven (74) ir. A. Blokland c.s. (72) Yosta de Stigter Bas Rosier Maarten Merckx (41) 16.06.2023 (51) C22B 7/04 C22B 1/02 C22B 34/22 (21) 2029886 (22) 23.11.2021</p>	<p>(54) METHOD FOR EXTRACTING VANADIUM FROM MANGANESE-VANADIUM SLAG PREPARED THROUGH VANADIUM BLOWING IN CONVERTER (71) Northeastern University (74) ir. M.B. Plaggenborg (72) Donghui Chen Aijun Teng Xiangxin Xue Xuefei Zhang Minglei Gao Gongjin Cheng Jianxing Liu (41) 15.06.2023 (51) E01D 19/02 (21) 2030004 (22) 02.12.2021 (54) ABUTMENT AND CONSTRUCTION METHOD THEREOF (71) Nanchang Hangkong University (74) ir. M.B. Plaggenborg (72) Xionghui Zeng Liang Chang Yingxiang Zhao Kaiyuan Zheng Tianyu Wen Zhongxu Huang (41) 20.06.2023 (51) E02D 27/02 E02D 27/32 E02D 27/42 (21) 2030009 (22) 03.12.2021 (54) Poer en een fundering omvattende een poer (71) Cortenpoer B.V. (74) ir. J.C. Volmer c.s. (72) Martinus Alexander van de Baan (41) 20.06.2023 (51) E03F 3/04 F16L 17/03 F16L 21/02 (21) 1044228 (22) 02.12.2021 (54) UITLAATADAPTER VAN EEN KOLK (71) D&B INGENIEURS TBS-SVA GROEP B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) ir. Wiebe Jan Bakker ing. Wietse Dijkstra (41) 20.06.2023 (51) E04B 2/00 E04B 2/56 E04H 9/02 E04B 1/98 (21) 2029933 (22) 26.11.2021 (54) ENERGY DISSIPATING AND DAMPING OBLIQUE PRESTRESSED SHEAR WALL STRUCTURE SYSTEM SUITABLE FOR PREFABRICATION (71) QINGDAO UNIVERSITY OF TECHNOLOGY (74) ir. M.B. Plaggenborg (72) Jigang Zhang Zhehao Ma Haizhi Liang</p>
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Feifei Liu	(72) Jurgen Hendrik Peter Joseph Keizers	Yingying Yang
Weixiao Xu	(51) E04F 17/02	Chao Gao
Chunwei Zhang	B26D 3/10	Xinyu Gao
(41) 16.06.2023	B26F 3/12	Jian Gao
(51) E04B 2/56	(21) 2033673	(31) 202122989903.5
(21) 2034700	(22) 05.12.2022	(32) 01.12.2021
(22) 26.04.2023	(54) Prefab bouwdeel, in het bijzonder een	(33) China
(54) A PREFABRICATED Z-SHAPED	prefab schoorsteen, alsmede werkwijze	(51) E06B 7/20
SHEAR WALL STRUCTURE AND A	voor het vervaardigen van het prefab	(21) 2032899
CONSTRUCTION METHOD THEREOF	bouwdeel	(22) 30.08.2022
(71) Nanjing Kentop Civil Engineering	(71) Rob Josephus Franciscus Maria	(54) PASSIVE SOUNDPROOF BUILDING
Technology Co., Ltd.	Uitenhoven	ENERGY-SAVING DOOR
China Railway 17th Bureau Group	Martinus Gijsbertus Carolus Maria van	(71) Zunhua Kuowang Wood Industry Co.,Ltd.
Shanghai Rail Transit Engineering Co.,	Kemenade	(74) ir. W.J.J.M. Kempes
Ltd.	(74) ir. G.J.M. Verhees	(72) Chao Gao
Jiangsu Nanjing Geology Engineering	(72) Martinus Gijsbertus Carolus Maria van	Yangyang Dong
Investigation Institute	Kemenade	Yingchao Ma
NANJING TECH UNIVERSITY	Rob Josephus Franciscus Maria	Xinyu Gao
NANJING UNIVERSITY OF SCIENCE	Uitenhoven	Jiacong Goa
AND TECHNOLOGY	(41) 20.06.2023	(41) 19.06.2023
(74) ir. M.B. Plaggenborg	(31) 2030030	(31) 202122993603.4
(72) Jiatong Han	(32) 03.12.2021	(32) 01.12.2021
Duming Yan	(33) Netherlands	(33) China
Guanfei Hou	(51) E04H 7/22	(51) E21C 35/22
Guoyi Tang	H02S 20/23	E21C 41/18
Yahu Tian	B65D 88/00	G01N 21/53
Yehui Shi	B65D 90/00	(21) 2030983
Jinjun Xu	(21) 2029970	(22) 17.02.2022
Jianjun Dong	(22) 01.12.2021	(54) Method for efficiently controlling dust
Guichao Liu	(54) SILO EN AFDEKKING DAARVOOR	produced in coal cutting by road header
Chenghua Xu	(71) Dutch Cover Solutions B.V.	(71) Nanjing University of Information Science
Yajun Xiao	(74) dr. ir. G.J.C. Verdijck c.s.	and Technology
Zhenxiang Wang	(72) Johannes Hubertus Zengerink	China University of Mining and
Helan Cheng	(41) 19.06.2023	Technology
Tong Li	(51) E04H 17/00	(74) dr. T. Wittop Koning PhD
(31) 202310223606.0	E04H 17/14	(72) Deming Wang
(32) 09.03.2023	E04H 17/16	Wendong Zhou
(33) China	E06B 11/02	Hetang Wang
(51) E04D 5/08	(21) 2029865	(41) 19.06.2023
C08K 5/49	(22) 23.11.2021	(31) 202210094298.1
C08L 29/14	(54) Fence assembly and gate comprising the	(32) 26.01.2022
C08K 5/02	fence assembly	(33) China
(21) 2029905	(71) Heras B.V.	(51) E21D 11/10
(22) 25.11.2021	(74) dr. ir. G.J.C. Verdijck c.s.	(21) 2029980
(54) SURFACE COVERING	(72) Jan Rudolf Ruigrok	(22) 01.12.2021
(71) Dakip B.V.	Simone Scheres	(54) DEVICE FOR MONITORING
(74) ir. H.A. Witmans c.s.	(41) 15.06.2023	CONCRETE FILLING OF TUNNEL
(72) Lawrence Fabian Batenburg	(51) E06B 3/48	SECONDARY LINING VAULT AND
Roeland Hans Ferdinand van Delden	E06B 3/70	USING METHOD THEREOF
(41) 15.06.2023	E06B 3/82	(71) CHINA RAILWAY 16TH BUREAU
(51) E04F 13/08	(21) 2029911	GROUP CO., LTD.
F24S 25/30	(22) 25.11.2021	BEIJING JIAOTONG UNIVERSITY
H02S 20/22	(54) Sectionaaldeur	(74) ir. W.J.J.M. Kempes
(21) 1044218	(71) Different Group B.V.	(72) Mingli Huang
(22) 26.11.2021	(74) ir. A. Blokland c.s.	Qian Dong
(54) A SYSTEM COMPRISING INSTALLED	(72) Sil Koos Johan Kuppens	Su Yan
PANELS, A PANEL AND A METHOD	Antonius Gerardus van den Wildenberg	Yonggang Li
FOR INSTALLING PANELS	(41) 15.06.2023	Dong Ma
(71) BIPV.world B.V.	(51) E06B 5/14	Wuxian Wang
(72) Ir Eugenio Julius Alphonsus Maria Widlak	E06B 7/23	Yitao Feng
(51) E04F 15/02	E06B 3/70	Liujiie Jin
A47K 3/00	(21) 2032898	(41) 19.06.2023
E04B 1/66	(22) 30.08.2022	(51) E21D 11/38
E04F 15/18	(54) DAMPPROOF AIR-TIGHT DOOR	E21D 11/40
(21) 2029900	(71) Zunhua Kuowang Wood Industry Co.,Ltd.	(21) 2033527
(22) 25.11.2021	(74) ir. W.J.J.M. Kempes	(22) 14.11.2022
(54) Hoekafdichting	(72) Changbo Yu	(54) FAST TUNNEL LEAKAGE STOPPAGE
(71) Easy Sanitary Solutions B.V.		CONSTRUCTION DEVICE

(71) Nanjing Kangtai Construction Grouting Technology Co., Ltd.	F16K 15/03 F16K 15/16	(33) China
(74) ir. M.B. Plaggenborg	(21) 2029907	(51) G01F 22/00
(72) Yifei Zhang	(22) 25.11.2021	G01N 33/48
Tianfei Liu	(54) a one-way valve, a construction element comprising the one-way valve and a method of realising the construction element	(21) 2034810
Huiguo Chen	(71) Ferlem IP Holding B.V.	(22) 11.05.2023
Junchuan Li	(74) ir. A. Blokland c.s.	(54) APPARATUS AND METHOD FOR MEASURING METABOLIC GASES IN YAKS IN THE FIELD
Wei Liu	(72) Mike Johannes Cornelus Wilhelmus van Toer	(71) Qinghai Academy of Animal Husbandry and Veterinary Sciences, Qinghai University
Jianxing Wang	(41) 15.06.2023	(74) ir. M.B. Plaggenborg
Sensen Chen	(51) F24D 17/00	(72) Shujie Liu
Jing Wen	A47J 31/54	Zhanhong Cui
Heqing Tang	B67D 1/00	Lu Sun
Xiang Wang	E03C 1/04	Deyu Yang
Jinfeng Zhang	F24H 1/10	Xun Wang
Xiangrong Zhu	(21) 2030010	(31) 2022105098072
Zhong Wen	(22) 03.12.2021	(32) 11.05.2022
Youcai Zeng	(54) Waterafgifte-inrichting	(33) China
Yue Wen	(71) Quooker International B.V.	(51) G01J 4/04
(31) 202111422962.2	(74) ir. J.C. Volmer c.s.	(21) 2029885
(32) 26.11.2021	(72) Jan Oosting	(22) 23.11.2021
(33) China	Laurens Gillis Jacobus de Rijke	(54) METHOD FOR SYNCHRONOUSLY MEASURING NON-ORTHOGONALIZATION ANGLE AND ELLIPTICIZATION ANGLE OF DUAL-FREQUENCY LASER
(51) F03B 13/20	Niels Theodoor Peteri	(71) HARBIN INSTITUTE OF TECHNOLOGY
(21) 2033453	(41) 20.06.2023	(74) ir. M.B. Plaggenborg
(22) 03.11.2022	(51) F24F 6/02	(72) Haijin Fu
(54) A Floating Wave Energy Conversion Device with an Auxiliary Stable Conversion Mechanism	F24D 19/00	Pengcheng Hu
(71) Dalian Maritime University	(21) 2029921	Xu Xing
(74) ir. W.J.J.M. Kempes	(22) 26.11.2021	Jiubin Tan
(72) Wenjie Guo	(54) Combined electrical heater and humidifier	(41) 15.06.2023
Kunda He	(71) Duux Holding B.V.	(51) G01L 1/00
Hongtao Gao	(74) drs. P.A. van Essen c.s.	A61B 5/00
Shuai Ding	(72) Mark Angenent	(21) 2030827
(31) 2021114160504	(41) 16.06.2023	(22) 04.02.2022
(32) 25.11.2021	(51) F24T 10/10	(54) Intelligent fabric sensor layer and preparation method thereof and flexible fabric sensor
(33) China	(21) 2030007	(71) Shenzhen Technology University
(51) F04D 29/054	(22) 03.12.2021	(74) dr. R.C. van Duijvenbode c.s.
F04D 29/26	(54) Geothermal heat exchange system	(72) Ziwen Wang
F04D 29/28	(71) Kiss Solutions B.V.	Pengfei Zheng
F04D 29/62	(74) ir. A. Blokland c.s.	Junda Lao
F04D 29/053	(72) Gerhardus Johannes Hendrikus Maria Kristen	Zidan Gong
(21) 2029919	(51) G01F 1/00	Jianxun Liu
(22) 25.11.2021	G01F 15/00	Yisong Lei
(54) CONNECTION DEVICE FOR IMPELLER AND MAIN SHAFT OF LOW-TEMPERATURE-RISE CENTRIFUGAL STEAM COMPRESSOR AND METHOD THEREOF	(21) 2031223	Jie Zhang
(71) NANTONG DART-RICH FAN CO., LTD.	(22) 09.03.2022	(31) 2021114562998
(74) ir. M.B. Plaggenborg	(54) ON-LINE MONITORING SYSTEM FOR CONTINUOUS FARMLAND OF SERIAL PIPELINE TYPE	(32) 01.12.2021
(72) Xiaojun Miao	(71) HEBEI AGRICULTURAL UNIVERSITY	(33) China
Xiaojian Cui	(74) ir. M.B. Plaggenborg	(51) G01M 3/02
Xiaowen Hu	(72) Wenchao Li	H01M 8/04014
(41) 15.06.2023	Bin Xi	G01R 31/378
(51) F15B 21/12	Gaofei Yin	H01M 8/04089
(21) 2029983	Hongbin Liu	H01M 8/04701
(22) 01.12.2021	Wenqi Ma	H01M 8/04029
(54) DISC FLOW PULSATION GENERATOR	Hongbo Li	(21) 2029931
(71) Beihang University	Limei Zhai	(22) 26.11.2021
(74) ir. W.J.J.M. Kempes	Tongyang Li	(54) DURABILITY ACCELERATED TEST METHOD AND DURABILITY ACCELERATED TEST DEVICE FOR FUEL CELL STACK
(72) Qingfei Fu	Hongda Wen	(71) WUHAN UNIVERSITY OF TECHNOLOGY
Penghui Li	Xuehai Ju	
Zixuan Fang	(31) 202111426334.1	
Lijun Yang	(32) 27.11.2021	
Qixiang Gao		
(41) 19.06.2023		
(51) F16L 47/28		
B29C 44/58		

- (74) ir. M.B. Plaggenborg
(72) Maji Luo
Yan Zhao
Chaochao Qin
Ben Chen
(41) 16.06.2023
(51) G01N 1/14
(21) 2029912
(22) 25.11.2021
(54) ON-SITE COLLECTION DEVICE AND SAMPLING METHOD FOR LARGE-TANK MILK SAMPLE OF MILK TANK
(71) Institute of Animal Science and Veterinary Medicine, Shandong Academy of Agricultural Sciences
(74) ir. M.B. Plaggenborg
(72) Jianbin Li
Shaohu Chen
Rumei Zhang
Shiming Chai
Yanqin Li
Qingxia Yan
Gaozhan Cai
Xiuxin Zhao
Wenhao Liu
Ying Chang
Yundong Gao
Jifeng Zhong
(41) 15.06.2023
(51) G01N 1/44
(21) 2030020
(22) 03.12.2021
(54) DETECTION DIGESTION TUBE AND PRETREATMENT METHOD FOR HEAVY METAL IN BATCH SOIL
(71) Institute of Quality Standard and Monitoring Technology for Agro-Products of Guangdong Academy of Agricultural Sciences
(74) ir. W.J.J.M. Kempes
(72) Chuguo Chen
Ruiying Du
Tenghaobo Deng
Yongdong Huang
Dian Wen
Xu Wang
Yongjian Chen
Lei Li
Peihua Zhao
Aiping Xu
(51) G01N 15/08
(21) 2029973
(22) 01.12.2021
(54) VISUAL TEST APPARATUS AND METHOD FOR IMPROVING DOUBLE-LOOP INFILTRATION PROCESS
(71) Qingdao University of Technology
(74) ir. W.J.J.M. Kempes
(72) Chenggang Lu
Cheng Zhang
Guizhi Wu
Yaohui Liu
(41) 19.06.2023
(51) G01N 19/02
(21) 2029975
(22) 01.12.2021
(54) DEVICE FOR TESTING FRICTION BETWEEN SURFACES OF TWO OBJECTS
(71) Ocean University of China
(74) ir. W.J.J.M. Kempes
(72) Zhixiong Li
Yuansheng Chen
Mengmeng Wang
Xinrui Qi
Yang Xu
Linxiang Li
Jiaxuan Leng
Changming Zhang
Zhihe Duan
(41) 19.06.2023
(51) G01N 21/33
(21) 2029908
(22) 25.11.2021
(54) METHOD FOR EVALUATING COLD-HOT NATURE OF CHINESE HERBAL MEDICINE BASED ON FINGERPRINT
(71) SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
(74) ir. W.J.J.M. Kempes
(72) Guohui Wei
Zhenguo Wang
Min Qiu
(41) 15.06.2023
(51) G01N 21/45
G01N 21/77
G01J 3/26
G02B 6/293
G02B 6/26
(21) 2029909
(22) 25.11.2021
(54) SELF-ENCAPSULATED OPTICAL FIBER FABRY-PEROT INTERFEROMETER TYPE HYDROGEN SENSOR BASED ON Pd/Ag ALLOY FILM
(71) China Jiliang University
(74) ir. W.J.J.M. Kempes
(72) Ben Xu
Chunliu Zhao
Yun Guo
(51) G01N 21/64
G01N 33/577
(21) 2029971
(22) 01.12.2021
(54) TIME RESOLVED FLUOROIMMUNOASSAY KIT FOR DETECTING GALECTIN-3
(71) AFFILIATED HOSPITAL OF NANTONG UNIVERSITY
(74) ir. W.J.J.M. Kempes
(72) Mingbing Xiao
Wenjie Zheng
Feng Jiang
Tong Wu
Fei Chen
Renjie Lin
Wenkai Ni
(51) G01P 5/00
G01M 10/00
E02B 1/02
(21) 2029917
(22) 25.11.2021
(54) MEASURING DEVICE FOR WATER FLOW RATE OF UPRIGHT SECTION OF COMB TYPE BREAKWATER IN TEST WATER CHANNEL
(71) LUDONG UNIVERSITY
(74) ir. M.B. Plaggenborg
(72) Xueyan Li
Qing Wang
Chao Zhan
Xiang Wan
Xiaomin Xie
Tian Xie
(41) 15.06.2023
(51) G01S 17/95
G01S 7/481
(21) 2029991
(22) 01.12.2021
(54) DUAL-WAVELENGTH FOUR-CHANNEL LASER RADAR SYSTEM FOR DETECTING CLOUD FINE STRUCTURE
(71) HEFEI INSTITUTES OF PHYSICAL SCIENCE, CHINESE ACADEMY OF SCIENCES
(74) ir. M.B. Plaggenborg
(72) Zhenzhu Wang
Zhiqing Zhong
Decheng Wu
Dong Liu
Chenbo Xie
Bangxin Wang
Yingjian Wang
(41) 19.06.2023
(51) G01V 11/00
(21) 2029914
(22) 25.11.2021
(54) COAL SEAM ROOF AND FLOOR LITHOLOGY PREDICTION METHOD
(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING
(74) ir. M.B. Plaggenborg
(72) Suzhen Shi
Jianying Gu
Jiacheng Guo
(51) G01V 13/00
G01V 1/52
(21) 2029948
(22) 29.11.2021
(54) CALIBRATION PROTECTION DEVICE FOR ACOUSTIC WAVE IMAGER
(71) Northeast Petroleum University
(74) ir. W.J.J.M. Kempes
(72) Ouyang Xiu
Bibo Long
Meiling Zhang
Yunxin Liu
Ke Zeng
LinJianru Zhang
(41) 19.06.2023
(51) G02B 27/09
B23K 26/064
(21) 2030028
(22) 03.12.2021
(54) LASER MARKING SYSTEM
(71) Inphocal B.V.
(74) ir. H.A. Witmans c.s.
(72) Martijn Joseph Boerkamp

(51) G05D 27/02 A01C 23/04 B01F 27/90	(71) COSCO SHIPPING TECHNOLOGY(BEIJING) CO., LTD	Naizhe Wang
(21) 2029946 (22) 29.11.2021	(74) dr. R.C. van Duijvenbode c.s.	(51) G09B 5/06 G09B 5/08
(54) WATER-FERTILIZER INTEGRATED SOLID FERTILIZER CONTINUOUS FERTILIZING DEVICE	(72) Haolin Zhan (31) 202211035116.X (32) 26.08.2022 (33) China	(21) 2032461 (22) 12.07.2022
(71) Farmland Irrigation Research Institute, Chinese Academy of Agricultural Sciences	(51) G06Q 10/06 G06T 17/05 G06Q 50/00	(54) EDUCATIONAL COMMUNITY SERVICE METHOD, SYSTEM, APPARATUS, TERMINAL DEVICE AND STORAGE MEDIUM
(74) ir. W.J.J.M. Kempes	(21) 2030016 (22) 03.12.2021	(71) SHENZHEN BLOCKCHAIN FINANCIAL SERVICES CO., LTD SHENZHEN HANDE FINMAKER CO., LTD
(72) Qian Cheng Xiulu Sun Jinshan Li Fuyi Duan Zhen Chen Yinbo Cao	(54) COMPUTER SYSTEM FOR CALCULATING ISLAND STRUCTURE STOCKS	(74) drs. C.M.A. Quintelier (72) Feng Cao Xuefei Lin Yanduo Ren
(41) 19.06.2023	(71) First Institute of Oceanography, Ministry of Natural Resources	(41) 16.06.2023
(51) G06F 1/20 G06F 1/16	(74) ir. W.J.J.M. Kempes	(51) H01L 21/67 (21) 2029928 (22) 26.11.2021
(21) 2029996 (22) 02.12.2021	(72) Zhen Guo Zhiwei Zhang Yonggen Sun Jing Wang Jue Wang	(54) METHOD AND CAMERA SYSTEM FOR DETECTING SUBSTRATE POSITIONS IN A SUBSTRATE CASSETTE
(54) COOLING A COMPUTING DEVICE	(41) 20.06.2023	(71) SUSS MicroTec Lithography GmbH (74) ir. J.C. Volmer c.s. (72) Rishav Mukherjee Uwe Vogler Markus Schieber Paul Berthold
(71) Microsoft Technology Licensing, LLC	(51) G06T 7/00 (21) 2029877 (22) 23.11.2021	(51) H01M 4/134 H01M 4/1395 H01M 4/04 H01M 4/36 H01M 4/38
(74) ir. J.C. Volmer c.s. (72) Chien Lung Yang Todd Alan Chiles Yin Xiong	(54) IMAGE BASED ANALYSIS OF A VESSEL STRUCTURE	(21) 2029989 (22) 01.12.2021
(51) G06F 9/4401 (21) 2029951 (22) 29.11.2021	(71) Undercurrent Laboratory B.V. (74) ir. H.A. Witmans c.s. (72) Matthew David La Fontaine Hein Pieter Stallman Bart Victor Stallmann	(54) Composite electrode material, method for its production and use of the material (71) LeydenJar Technologies B.V. (74) dr. A. Krebs (72) Joris Pieter Valentijn Maas Tijmen Rudolf Geertsen Rohanraj Sivaraj Arjen Peter Didden Yiseop Ahn
(54) METHOD AND DEVICE FOR INSTALLING AND RUNNING UNIX-LIKE OPERATING SYSTEM IN WINDOWS ENVIRONMENT	(51) G06T 7/277 G06T 7/246	(41) 19.06.2023
(71) Guangdong Peizheng College	(21) 2029915 (22) 25.11.2021	(51) H02G 3/08 (21) 2029888 (22) 24.11.2021
(74) ir. M.B. Plaggenborg (72) Jianhu Gong (41) 19.06.2023	(54) METHOD, SYSTEM, EQUIPMENT AND STORAGE MEDIUM FOR SHIP TRACKING	(54) Insert for an installation box (71) Attema B.V. (74) ir. J.C. Volmer c.s. (72) Antonie de Hoog
(51) G06F 16/245 G06Q 10/08 G06F 16/25 G06F 16/26	(71) QINGDAO UNIVERSITY OF SCIENCE AND TECHNOLOGY (74) ir. M.B. Plaggenborg (72) Xinghai Yang Lingwei Xu Fengjiao Wang Jianfeng Yuan Jingjing Wang Wei Shi Yulin Zhang	(51) H02G 3/12 H05B 47/19 (21) 2029999 (22) 02.12.2021
(21) 2034321 (22) 13.03.2023	(41) 15.06.2023	(54) Wanddoos (71) A.C. Pasma Holding B.V. (74) drs. A.A. Jilderda (72) Andries Cornelis Pasma
(54) CALCULATION AND ANALYSIS METHOD OF SHIP OPERATION BENEFIT	(51) G06T 7/66 G06T 7/00	(41) 20.06.2023
(71) COSCO SHIPPING TECHNOLOGY(BEIJING) CO., LTD.	(21) 2030008 (22) 03.12.2021	(51) H02M 1/00 H02M 3/335 (21) 2029958 (22) 30.11.2021
(74) dr. R.C. van Duijvenbode c.s. (72) Li Wang Jun Liang Mingming Wei Donghai Yin Xuehai Feng Fenghai Mei	(54) METHOD AND SYSTEM FOR MONITORING STATE OF HIGH- STRENGTH BOLT OF ROTATING COMPONENT	
(31) 202211102512.X (32) 09.09.2022 (33) China	(71) Huaneng Renewables Corporation Limited Hebei Branch (74) drs. C.M.A. Quintelier (72) Xiangwei Wang Beibei Jin Junbin Zheng Chunxing Ding Shi Zhang	
(51) G06Q 10/04 G06Q 10/08		
(21) 2034325 (22) 13.03.2023		
(54) METHOD FOR PREDICTING SHIPPING CAPACITY OF COMPETITORS, COMPUTER-READABLE MEDIUM		

- (54) A bidirectional Partial Power Processing, PPP, architecture, for converting between a first voltage terminal and a second voltage terminal, as well as a corresponding method
(71) Technische Universiteit Delft
(74) ir. A. Blokland c.s.
(72) Pierpaolo Granello
Thiago Batista Soeiro
Pavol Bauer
(41) 19.06.2023
-
- (51) H02M 7/483
H02M 3/00
H02J 1/02
H02J 1/08
H02M 1/14
H02M 7/487
(21) 2029902
(22) 25.11.2021
(54) A series resonant converter for balancing a bipolar Direct Current, DC, power grid, as well as a corresponding arrangement, method and computer program product.
(71) Technische Universiteit Delft
(74) ir. A. Blokland c.s.
(72) Sachin Yadav
Zian Qin
Pavol Bauer
-
- (51) H04L 9/00
G06Q 20/00
(21) 2032459
(22) 12.07.2022
(54) METAVERSE COMMUNITY GOVERNANCE METHOD, APPARATUS, TERMINAL DEVICE AND STORAGE MEDIUM
(71) SHENZHEN HANDE FINMAKER CO., LTD
SHENZHEN BLOCKCHAIN FINANCIAL SERVICES CO., LTD
(74) drs. C.M.A. Quintelier
(72) Feng Cao
Yanduo Ren
Xuefei Lin
(41) 16.06.2023
-
- (51) H04L 9/40
H04L 9/00
H04L 9/32
(21) 2032458
(22) 12.07.2022
(54) METAVERSE AUTHENTICATION METHOD, SYSTEM AND APPARATUS, TERMINAL DEVICE AND STORAGE MEDIUM
(71) SHENZHEN BLOCKCHAIN FINANCIAL SERVICES CO., LTD
SHENZHEN HANDE FINMAKER CO., LTD
(74) drs. C.M.A. Quintelier
(72) Feng Cao
Xuefei Lin
Yanduo Ren
(41) 16.06.2023
-
- (51) H04L 41/06
H04L 41/14
H04L 43/12
(21) 2030719
(22) 26.01.2022
- (54) MICROSERVICE APPLICATION OBSERVABILITY SYSTEM
(71) Zhejiang University
Shanghai Zhuyun Information Technology Co., Ltd.
(74) ir. W.J.J.M. Kempes
(72) Shuomiao Jiang
Xuelin Cheng
Enhui Fu
Lixing Lv
(41) 15.06.2023
(31) 202111404543.6
(32) 24.11.2021
(33) China
-
- (51) H04R 1/10
F04B 19/00
(21) 2033618
(22) 25.11.2022
(54) AN ELECTROOSMOTIC FLOW VALVE FOR AN ELECTRONIC DEVICE
(71) Apple Inc.
(74) ir. A.R. Aalbers
(72) Gokhan Hatipoglu
Onur I. Ilkorur
Christopher Wilk
Scott C. Grinker
Esge B. Andersen
Peter C. Hrudehy
(31) 63283938
(32) 29.11.2021
(33) United States of America
-
- (51) H04R 29/00
G10L 25/60
(21) 2029967
(22) 30.11.2021
(54) SYSTEM FOR MEASURING OBJECTIVE ACOUSTIC QUALITY PARAMETERS OF HALL
(71) Suzhou Fansheng Intelligent Technology Co., Ltd.
Tongji University
(74) ir. M.B. Plaggenborg
(72) Haisheng Liu
Qingli Zhou
(41) 19.06.2023
-
- (51) H05G 2/00
G03F 7/20
(21) 2034729
(22) 06.08.2021
(54) EXTREME ULTRAVIOLET LIGHT GENERATION APPARATUS AND ELECTRONIC DEVICE MANUFACTURING METHOD
(62) 2028934 (06.08.2021)
(71) GIGAPHOTON INC.
(74) ir. H.A. Witmans c.s.
(72) Takayuki Yabu
Yuta Takashima
(31) 2020-149653
(32) 07.09.2020
(33) Japan
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**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patents which have been entered in the patent
register under the Patents Act 1995.**

(51) A01D 43/12	(11) 2029894	(47) 15.06.2023	(22) 24.11.2021	(54) COMPOUND ROTARY TILLAGE MOWING TOOL	(73) Shaxian Shuinan State-owned Forest Farm of Fujian Province (Workstation of Fujian Shaxian Luoyan Mountain Forest Park)	(72) Dong Lin Hanyang Cao Jianhua Chen Yixiang Fan Shuijin Luo Xuehuang Weng Jiang Chen Farong Zhang	(74) ir. F.A. Geurts c.s.	(51) A01D 46/30 A01G 18/70 A01G 18/62	(11) 2029906	(47) 15.06.2023	(22) 25.11.2021	(54) Inrichting voor het plukken van champignons	(73) Jacobus Alexander Jozef Lemmen	(72) Jacobus Alexander Jozef Lemmen	(74) ir. M. van der Velden	(51) A01D 82/00 A01F 29/09 G08C 17/02	(11) 2029985	(47) 19.06.2023	(22) 01.12.2021	(54) INTELLIGENT DETECTION STRAW CRUSHER	(73) Chongqing Vocational Institute of Engineering	(72) Shaohua Fu Rengeng Lan	(74) ir. W.J.J.M. Kempes	(51) A01F 12/56 A01F 12/18	(11) 2029870	(47) 15.06.2023	(22) 23.11.2021	(54) LONGITUDINAL AXIAL FLOW DIFFERENTIAL CYLINDER	(73) JINHUA POLYTECHNIC	(72) Liqian Tian Yongsen Xiong Jinshuang Wang Hongyang Li Hengjing Zhang Zhiming Wang	(74) ir. W.J.J.M. Kempes	(51) A01G 22/22	(11) 2033208	(47) 19.06.2023	(22) 01.10.2022	(54) CYCLIC UTILIZATION SYSTEM AND METHOD OF SUBSIDING WATER RING DITCH FOR PADDY FIELD OF SALINE-ALKALI SOIL	(73) Institute of Agricultural Resources and Environment, Ningxia Academy of Agro-forestry Science (Ningxia Key Laboratory of soil and plant nutrition)	(72) Dong Tang Weiqian Li Caige Jiang Gang Chen Ruliang Liu Xia Wu Fang Wang Yangyang Bai Yangxiu Mu Tinghui Ma Lina Zhou Yu Hong Xinping Mao Ying Zhao	(74) dr. T. Wittop Koning PhD	(31) 202211097659.4	(32) 08.09.2022	(33) China	(51) A01G 22/22 A23K 10/12	(11) 2029942	(47) 14.06.2023	(22) 29.11.2021	(54) Feed composition, preparation method and application thereof	(73) Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences	(72) Jun Xie Ermeng Yu Guangjun Wang Kai Zhang Zhifei Li Yun Xia Wangbao Gong Jingjing Tian Lijuan Jia	(74) dr. T. Wittop Koning PhD	(31) 202110770374.1	(32) 07.07.2021	(33) China	(51) A01K 67/033	(11) 2030003	(47) 20.06.2023	(22) 02.12.2021	(54) AUTOMATIC SEPARATION DEVICE FOR LEPIDOPTERAN MALE AND FEMALE ADULTS	(73) Guizhou Institute of Plant Protection	(72) Hongbo Li	Yongli Zheng Yang Hu Changgeng Dai	(74) ir. M.B. Plaggenborg	(51) A01M 1/02 A01M 1/04 A01N 25/10 A01N 25/18 A01N 35/02 A01P 19/00	(11) 2029889	(47) 15.06.2023	(22) 24.11.2021	(54) USE OF LURE IN TRAPPING CONOGETHES PUNCTIFERALIS (GUENÉE) ADULTS	(73) HANGZHOU RAW SEED GROWING FARM ZHEJIANG A&F UNIVERSITY	(72) Tao Liu Jianyu Deng Sifei Shao Zhihong Xu Shenyua Wu Minghua Fang Linfeng Wo Jianmin Yu	(74) ir. M.B. Plaggenborg	(51) A01M 7/00	(11) 2032258	(47) 19.06.2023	(22) 23.06.2022	(54) MANAGEMENT AND CONTROL SYSTEM AND METHOD FOR SPRAYING OF FIELD CORN FOLIAR FERTILIZER	(73) Shandong Academy of Agricultural Sciences	(72) Yingbo Gao Chunxiao Liu Hui Zhang Kaichang Liu Zongxin Li Shoubing Huang Haijun Zhao Xin Qian Hongcui Dai Liang Wang	(74) dr. T. Wittop Koning PhD	(31) 202210026055.4	(32) 11.01.2022	(33) China	(51) A22C 21/00	(11) 1044221	(47) 16.06.2023	(22) 30.11.2021	(54) Verbeterde fileermethode voor gevogelte	(73) Korma Detachering B.V.	(72) Jan ter Maten	(51) A23B 4/00
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(11) 2028267	(33) Belgium	G16H 50/00
(47) 14.06.2023	(51) A47D 9/00	(11) 2029920
(22) 20.05.2021	B62B 7/14	(47) 16.06.2023
(54) PRODUCTION METHOD OF POULTRY MEAT RAW MATERIAL FOR SOUP PRODUCT	A47D 13/02	(22) 26.11.2021
(73) Jiangsu Academy of Agricultural Sciences	B62B 9/10	(54) DETERMINING A TRIGGER LEVEL FOR A MONITORING ALGORITHM OF AN EPILEPTIC SEIZURE DETECTION APPARATUS
(72) Daoying Wang	(11) 2029950	(73) Livassured B.V.
Huan Bian	(47) 16.06.2023	(72) Theo Ary Asmund Tielens
Zheng Yan	(22) 29.11.2021	Michiel Robert Paul Jansen
Weimin Xu	(54) Foldable bassinet and foldable stroller	(74) drs. J. Renkema
Yongzhi Zhu	(73) Royalty Bugaboo GmbH	(51) A61B 17/122
Xinxiao Zhang	(72) Daan Jans Vos	(11) 2033460
Haihong Wu	Marco Nieuwenhuizen	(47) 16.06.2023
Licui Xiao	Mattijs Hogeland	(22) 03.11.2022
(74) dr. J. van Straaten	(74) ir. W.J.J.M. Kempes	(54) HEMOSTATIC DEVICE FOR HEPATOBILIARY SURGERY
(31) PCT/CN2021/086003	(51) A47G 19/18	(73) The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University
(32) 08.04.2021	B65D 47/20	(72) Yiming Chen
(33) China	G01F 11/34	(74) dr. T. Wittop Koning PhD
(51) A23B 4/00	A47J 42/38	(51) A61B 34/32
(11) 2028268	A47G 19/24	A61B 90/50
(47) 14.06.2023	(11) 2029903	A61B 90/10
(22) 20.05.2021	(47) 15.06.2023	A61B 90/14
(54) PROCESSING METHOD OF CHILLED POULTRY MEAT FOR IMPROVING MEAT QUALITY, AND PRODUCTS OBTAINED THEREBY	(22) 25.11.2021	(11) 2029875
(73) Jiangsu Academy of Agricultural Sciences	(54) Dispenser, for example seasoning dispenser	(47) 15.06.2023
(72) Daoying Wang	(73) Fluctus	(22) 23.11.2021
Huan Bian	(72) Jarno Herman Antonius von Piekartz	(54) A fixation arrangement for a patient
Zheng Yan	Geert Jan Drent	(73) Eindhoven Medical Robotics B.V.
Weimin Xu	(74) ir. H.A. Witmans c.s.	(72) Abraham Henricus Josephus de Beer
Yongzhi Zhu	(51) A47G 29/14	(74) ir. A. Blokland c.s.
(74) dr. J. van Straaten	A47G 29/16	(51) A61F 2/24
(31) PCT/CN2021/086002	(11) 2029998	(11) 2029993
(32) 08.04.2021	(47) 20.06.2023	(47) 20.06.2023
(33) China	(22) 02.12.2021	(22) 02.12.2021
(51) A41B 9/00	(54) Safety insertion apparatus and parcel box	(54) A Device for Aortic Root and Valve Visualization and Aortic Valve Leakage Measurement
(11) 1044202	(73) YAYA B.V.	(73) Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)
(47) 16.06.2023	(72) Nikolai Rolf Carels	(72) Bardya Arabkhani
(22) 03.11.2021	(74) ir. A.R. Aalbers	Marcus Alexander van Barneveld
(54) Draagbare edelstenentherapie via lingerie	(51) A47K 11/02	Dirk Pieter Bruin
(73) Gwendolyn Wendy Huygens	(11) 2029952	Mark Gerard Hazekamp
(72) Gwendolyn Wendy Huygens	(47) 19.06.2023	(74) dr. A. Krebs
(51) A41B 11/00	(22) 29.11.2021	(51) A61K 31/7084
D04B 1/24	(54) ECOLOGICAL TOILET WITH SELF-LOADING AND SELF-UNLOADING COLLECTING BARREL	A61P 27/02
A41B 11/14	(73) Chinese Research Academy of Environmental Sciences	A61K 31/69
(11) 2029864	(72) Hongliang Wang	A61K 31/736
(47) 15.06.2023	Bao Xiang	A61K 31/765
(22) 23.11.2021	Yue Wang	A61K 9/00
(54) Verbeterde panty	Jianlong Chen	A61P 27/02
(73) Minou Üçerler	Shihua Chen	A61P 27/04
(72) Minou Üçerler	Hongge Zhang	(11) 2032726
(74) ir. B.J. 't Jong	(74) drs. C.M.A. Quintelier	(47) 15.06.2023
(51) A47C 23/043	(51) A61B 5/00	(22) 10.08.2022
A47C 31/10	(11) 2029986	(54) DIQUAFOSOL SUSTAINED-RELEASE GEL, PREPARATION METHOD AND USE THEREOF
(11) 2034021	(47) 19.06.2023	(73) Eye Hospital, Wenzhou Medical University
(47) 16.06.2023	(22) 01.12.2021	(72) Xinxin Liu
(22) 25.01.2023	(54) BRUXISM DETECTION AND FEEDBACK SYSTEM AND METHOD	Kaihui Nan
(54) BOXSPRING	(73) Jawsaver B.V.	Tianzuo Wang
(73) SLEEP ON IT BV	(72) Selina Tirtajana	Bin Guan
(72) Stijn Neuteleers	Gabriel Enrique Saenz	
(74) dr. ir. G.J.C. Verdijck c.s.	David Benjamin Jaroch	
(31) 2022/5400	(74) ir. J.C. Volmer c.s.	
(32) 24.05.2022	(51) A61B 5/00	

- Jingjie Wang
(74) ir. M.B. Plaggenborg
(31) 202111390343.X
(32) 23.11.2021
(33) China
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- (51) A61K 36/28
A61K 36/234
A61K 36/185
A61K 36/481
A61K 36/34
A01K 1/015
A61P 31/04
A61P 33/02
(11) 2030026
(47) 20.06.2023
(22) 03.12.2021
(54) TRADITIONAL CHINESE MEDICINE
MICROPOWDER COMPOSITION
AND APPLICATION THEREOF IN
ECOLOGICAL CHICKEN BREEDING
MODE
(73) WUHAN UNIVERSITY OF
TECHNOLOGY
Wuhan Academy of Agricultural Sciences
- (72) Zhiping Ran
Ying Li
Zhiyong Shao
Lijun Wu
Bin He
Zhixin Lei
Xiabing Chen
Wenhai Yang
Qi Zhou
Hua Zhou
Quan Guan
(74) ir. M.B. Plaggenborg
(83) M2021958
30.07.2021
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M2020428
17.08.2020
China Center for Type Culture Collection
(CCTCC)
College of Life Sciences, Wuhan
University, Wuhan 430072, China
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- (51) A61K 36/36
A61P 31/04
(11) 2033150
(47) 16.06.2023
(22) 27.09.2022
(54) APPLICATION OF LIMONIUM WRIGHTII
NAPHTHOQUINONE IN PREPARING
ANTI- HAEMOPHILUS PARASUIS
DRUG
(73) Institute of Animal Health, Guangdong
Academy of Agricultural Sciences
(72) Zhiyong Jiang
Zhibiao Bian
Dongxia Yang
- Yan Li
Minsheng Xu
Shuai Song
Chunling Li
Shaolun Zhai
Pinpin Chu
Kunli Zhang
Hongchao Gou
(74) dr. T. Wittop Koning PhD
-
- (51) A61L 17/14
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(11) 2029982
(47) 19.06.2023
(22) 01.12.2021
(54) METHOD FOR PREPARING
COLLAGEN-COATED ADSORBABLE
MEDICAL SUTURE
(73) SHANDONG BODA MEDICAL
PRODUCTS CO., LTD.
(72) Shuo Zhang
Hongyu Gao
Yufu Zhang
(74) ir. W.J.J.M. Kempes
-
- (51) A61L 31/06
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A61B 17/221
A61L 31/02
(11) 2029896
(47) 15.06.2023
(22) 24.11.2021
(54) ELIMINATION DEVICE FOR
HEPATOBIILIARY STONES
(73) Jian Zhou
(72) Jian Zhou
(74) ir. W.J.J.M. Kempes
-
- (51) A61M 11/00
A61M 16/04
(11) 2029874
(47) 15.06.2023
(22) 23.11.2021
(54) Tracheale toedieningsinrichting en
vernevelingskatheter
(73) Medspray B.V.
(72) Tom Vincent Huijgen
Cornelis Johannes Maria van Rijn
Henri Joseph van Egmond
(74) drs. A.A. Jilderda
-
- (51) A61N 1/40
A61B 17/56
A61B 90/00
A61F 2/30
A61L 2/00
(11) 2029879
(47) 15.06.2023
(22) 23.11.2021
(54) SHAPED ARTICLE
(73) Academisch Ziekenhuis Leiden (h.o.d.n.
LUMC)
(72) Bart Godefridus Catharina Wilhelmus
Pijls
Richard van de Wateringen
(74) dr. A. Krebs
-
- (51) A61P 1/16
A61K 35/741
A23L 33/135
(11) 2030011
- (47) 20.06.2023
(22) 03.12.2021
(54) Prevention or treatment of hepatic
steatosis
(73) Caelus Pharmaceuticals B.V.
Academisch Medisch Centrum
(72) A.G. Holleboom
Willem Meindert de Vos
Max Nieuwdorp
(74) ir. J.C. Volmer c.s.
-
- (51) A61P 39/06
A61Q 19/08
A61K 45/06
A23L 33/155
A23L 33/105
A61P 43/00
(11) 2033616
(47) 16.06.2023
(22) 25.11.2022
(54) ANTI-AGEING SUPPLEMENT
(73) Dormouse BV
(72) Ellen Crabbe
(74) ir. J.P.E. Brants
(31) BE2021/5922
(32) 26.11.2021
(33) Belgium
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- (51) A61Q 5/12
A61Q 5/02
A61K 8/92
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(11) 2029949
(47) 19.06.2023
(22) 29.11.2021
(54) COMPOUND ENZYME HAIR-WASHING
AND CONDITIONING LOTION
(73) HULUDAO YOULONG HEALTH
INDUSTRY CO., LTD.
(72) Chunhuan An
Yucheng Chen
(74) ir. W.J.J.M. Kempes
-
- (51) A63H 33/10
(11) 2029893
(47) 15.06.2023
(22) 24.11.2021
(54) Modular toy construction system
and method of assembling such toy
construction system
(73) EVE BLOX Beheer B.V.
(72) Jurre Derks
(74) ir. H.Th. van den Heuvel c.s.
-
- (51) B01D 11/02
C11B 1/00
(11) 2029910
(47) 15.06.2023
(22) 25.11.2021
(54) EXTRACTION METHOD OF
SEABUCKTHORN LEAVES EXTRACT
(73) Gansu Agricultural University
(72) Yumei Jiang
Lidan Feng
Jie Li
Jixin Li
Juan Wei
Lan Mi
Wenjung Sheng
Yang Bi
Shouhuan Chai

(74) dr. J. van Straaten	ZINC PORPHYRIN COMPOSITE	(22) 26.11.2021
(51) B01D 53/14	MATERIAL	(54) VERTICAL HIGH-TEMPERATURE STIRRED BALL-MILLING DEVICE
B01D 53/22	(73) Wuhan Institute of Technology	(73) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
C12M 1/107	(72) Tielin Wang	(72) Houhu Zhang
C12M 1/12	Jun Zhang	Xiaochen Lin
C12P 5/02	Huini Wang	Zehua Zhao
C25B 3/26	Desen Zhou	Yuanshun Xu
C25B 9/40	(74) dr. T. Wittop Koning PhD	Bing Ma
(11) 2029927	(51) B02C 17/08	Dapeng Zhang
(47) 16.06.2023	(11) 2029924	(74) ir. W.J.J.M. Kempes
(22) 26.11.2021	(47) 16.06.2023	(51) B05B 1/34
(54) A PROCESS TO TREAT A CARBON DIOXIDE COMPRISING GAS	(22) 26.11.2021	B05B 1/26
(73) PAQELL B.V.	(54) HIGH-TEMPERATURE PLANETARY BALL-MILLING DEVICE	(11) 2029978
(72) Dandan Liu	(73) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(47) 19.06.2023
Frederikus de Rink		(22) 01.12.2021
Johannes Bernardus Maria Klok		(54) APPARATUS FOR GENERATING SELF-EXCITED OSCILLATION JET
(74) ir. M. Cramwinckel	(72) Houhu Zhang	(73) Beihang University
(51) B01D 53/62	Xiaochen Lin	(72) Zixuan Fang
B01D 53/83	Yuanshun Xu	Penghui Li
(11) 2029981	Dapeng Zhang	Qixiang Gao
(47) 19.06.2023	Zehua Zhao	Qingfei Fu
(22) 01.12.2021	Bing Ma	Lijun Yang
(54) LOCAL CALCIUM LOOPING AND PURE-OXYGEN (ENRICHED-OXYGEN) COMBUSTION COUPLED CEMENT PRODUCTION CO2 CAPTURE PROCESS AND DEVICE	(74) ir. W.J.J.M. Kempes	(74) ir. W.J.J.M. Kempes
(73) SOUTH CHINA UNIVERSITY OF TECHNOLOGY	(51) B02C 17/10	(51) B08B 3/02
(72) Hui Peng	(11) 2029925	(11) 2030138
Wei Wang	(47) 16.06.2023	(47) 15.06.2023
Qijun Yu	(22) 26.11.2021	(22) 15.12.2021
Jiangxiong Wei	(54) HORIZONTAL HIGH-TEMPERATURE BALL MILLING DEVICE	(54) Inrichting voor het reinigen van objecten en werkwijze om een object te reinigen.
Tongsheng Zhang	(73) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(73) Laborex B.V.
Yiqun Gou	(72) Bing Ma	(72) Luc Kuysters
(74) ir. W.J.J.M. Kempes	Zehua Zhao	Wim Kuysters
(51) B01J 13/00	Houhu Zhang	(74) ir. W.J.J.M. Kempes
(11) 2032054	Xiaochen Lin	(31) 2021/5033
(47) 15.06.2023	Yuanshun Xu	(32) 20.01.2021
(22) 01.06.2022	(74) ir. W.J.J.M. Kempes	(33) Belgium
(54) METHOD FOR REGULATING AND CONTROLLING PARTICLE SIZE OF COLLOID IN AQUEOUS SOLUTION, OBTAINED COLLOID AND APPLICATION THEREOF	(51) B02C 17/10	(51) B09C 1/10
(73) Qingdao University of Science and Technology	B02C 17/16	B09C 1/08
(72) Ming Tan	B02C 17/18	(11) 2027967
Guizhong Zhou	B02C 23/24	(47) 14.06.2023
Yang Zhang	(11) 2029913	(22) 14.04.2021
Wenjing Lu	(47) 15.06.2023	(54) PROCESS FOR SOIL REMEDIATION BY USING GRAPHENE AND FERMENTATION BROTH FROM RHODOTORULA MUCILAGINOSA OP11
(74) ir. M.B. Plaggenborg	(22) 25.11.2021	(73) QINGDAO AGRICULTURAL UNIVERSITY
(31) 202111394321.0	(54) VERTICAL CONTINUOUS STIRRED BALL-MILLING DEVICE AND OPERATION METHOD THEREOF	(72) Fangli Wang
(32) 23.11.2021	(73) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	Shaojing Li
(33) China	(72) Houhu Zhang	(74) ir. W.J.J.M. Kempes
(51) B01J 31/06	Xiaochen Lin	(83) 13540
B01J 31/22	Dapeng Zhang	06.01.2017
B01J 35/00	Bing Ma	China General Microbiological Culture Collection Center (CGMCC)
C01B 21/48	Zehua Zhao	Institute of Microbiology, Chinese Academy of Sciences, No. 1 West Beichen Road, Chaoyang District, Beijing 100 101, China
C01B 21/30	Yuanshun Xu	(31) 202110151565.X
(11) 2032246	(74) ir. W.J.J.M. Kempes	(32) 05.02.2021
(47) 19.06.2023	(51) B02C 17/10	(33) China
(22) 22.06.2022	B02C 23/24	(51) B22F 9/14
(54) PREPARATION METHOD, PRODUCT AND APPLICATION OF BISMUTH VANADATE/TETRA-CARBOXYPHENYL	B02C 17/16	
	B02C 17/18	
	(11) 2029923	
	(47) 16.06.2023	

B01D 67/00	(54) COMPOSITE MATERIAL PRODUCTION	(22) 30.11.2021
B01D 69/06	LINE AND PRODUCTION METHOD	(54) Brake apparatus for a wheel of a vehicle
B01J 23/24	BASED ON VERTICAL GRAVITY	(73) Atlas Technologies Holding B.V.
B01J 23/32	TENSIONING METHOD	(72) Durandus Kornelius Dijken
B01J 23/38	(73) JIANSU YUNXIN ELECTRICAL CO.,	Jaap van de Vorst
B01J 23/74	LTD	(74) ir. J.C. Volmer c.s.
B05B 1/30	(72) Wenjun Jiang	(51) B60T 17/22
B05B 15/40	Jiayun Jiang	B60T 8/90
B01D 71/02	Chao Chen	B60T 8/96
(11) 2029898	(74) ir. J.D. de Zeeuw	(11) 2029963
(47) 15.06.2023	(51) B33Y 10/00	(47) 19.06.2023
(22) 24.11.2021	C03B 19/06	(22) 30.11.2021
(54) METHOD OF MANUFACTURING A	C03C 27/04	(54) Method for diagnosing an electronic
CATALYST MEMBRANE	B29C 64/129	vehicle brake system
(73) VSPARTICLE HOLDING B.V.	B29C 64/135	(73) Atlas Technologies Holding B.V.
(72) Tobias Vincent Pfeiffer	(11) 2029995	(72) Jaap van de Vorst
Wilbert Lintle Vrijburg	(47) 20.06.2023	Durandus Kornelius Dijken
Michail Tsampas	(22) 02.12.2021	Sathish Ramachandran
Foteini Sapountzi	(54) Werkwijze voor het vervaardigen van	(74) ir. J.C. Volmer c.s.
Sofia Dimitriadou	ten minste een verbindingsglas-preform	(51) B61C 17/04
(74) dr. ir. G.J.C. Verdijck c.s.	om een glasmetaalverbinding, glas-	B61D 23/02
(51) B28B 1/00	glasverbinding of glaskeramiekverbinding	(11) 2029966
B33Y 30/00	te verschaffen	(47) 19.06.2023
(11) 2029945	(73) LouwersHanique B.V.	(22) 30.11.2021
(47) 19.06.2023	(72) Paul Peeters	(54) HYBRID LOCOMOTIVE
(22) 29.11.2021	Nina Maria de Werd	(73) Anhui Wanhang Rail Traffic Equipment
(54) MULTI-MATERIAL HIGH-SOLID-	(74) ir. A. Blokland c.s.	Co., Ltd
CONTENT CERAMIC PRINTER WITH	(51) B60L 8/00	(72) Quanguai Huang
RAPIDLY REPLACEABLE FORMING	(11) 2029901	(74) ir. M.B. Plaggenborg
BIN	(47) 15.06.2023	(51) B61L 5/06
(73) Dongguan Keheng Hand Model Co., Ltd.	(22) 25.11.2021	B61L 5/02
(72) Binghua Wen	(54) Voertuig met turbomachine	(11) 1044214
Nan Li	(73) ENGYN Holding B.V.	(47) 15.06.2023
(74) ir. W.J.J.M. Kempes	(72) Ivana de Haan	(22) 24.11.2021
(51) B29B 17/04	(74) ir. B.J. 't Jong	(54) Switch drive mechanism for switching a
C08J 11/10	(51) B60R 1/072	switch rail
C08L 19/00	(11) 2029873	(73) KamPa B.V.
(11) 2029863	(47) 15.06.2023	(72) ir. Jelte Annee Bos
(47) 15.06.2023	(22) 23.11.2021	Paul Kampfraath
(22) 23.11.2021	(54) Adjustment device for an external vision	(51) B63H 9/061
(54) A process for devulcanizing tyre rubber	unit of a vehicle	B63H 9/08
particles	(73) MCi (Mirror Controls International)	B63H 9/065
(73) Atlantis Rubber Powders B.V.	Netherlands B.V.	(11) 2029956
(72) Justin Michael Damster	(72) Hendrik Alfred Simeon de Vries	(47) 19.06.2023
Jan Anne Jonkman	Emiel Sebastian Janssen	(22) 30.11.2021
Christopher Michael Twigg	Marinus Jacobus Maria van Zuilen	(54) Device for promoting mutual interspace
(74) ir. A. Blokland c.s.	Anne Catharina Martha Bekker	among opposite panels of a soft wing
(51) B29C 64/40	Arie Anthony de Kan	sail, mast, wing sail and boat
B29C 64/118	Paulus Gerardus Maria van Stiphout	(73) Mahbub Rahiq Ullah
B29C 64/393	Tom Adriaan Jansen	Harm Ronald van den Honert
B33Y 10/00	(74) ir. H.A. Witmans c.s.	Sung kyung Park
B22F 10/18	(51) B60R 16/037	Guus Pieter Jacob Pronk
B22F 10/85	B60Q 3/18	Gijsbertus Dominicus Draaijer
B22F 10/38	B60Q 3/62	(72) Guus Pieter Jacob Pronk
B22F 10/47	B60Q 3/74	(74) ir. H.A. Witmans c.s.
(11) 2029899	B60Q 3/80	(51) B65B 35/58
(47) 15.06.2023	(11) 2029862	B65B 5/08
(22) 25.11.2021	(47) 15.06.2023	B65B 5/10
(54) Method of generating instructions for	(22) 23.11.2021	B65B 25/04
printing 3D objects with an FFF printer	(54) Vehicle with smart interior lighting	B65B 57/14
(73) Ultimaker B.V.	system.	(11) 2032607
(72) Jirí Konvicný	(73) Atlas Technologies Holding B.V.	(47) 15.06.2023
(74) dr. R.C. van Duijvenbode c.s.	(72) Jasper Elfrink	(22) 26.07.2022
(51) B29C 70/52	(74) ir. J.C. Volmer c.s.	(54) VERPAKKINGSINRICHTING VOOR
(11) 2029892	(51) B60T 13/66	HET GERICHT VERPAKKEN VAN
(47) 15.06.2023	(11) 2029964	PRODUCTEN ZOALS GROENTEN
(22) 24.11.2021	(47) 19.06.2023	EN FRUIT, SORTEERSYSTEEM OF

VERPAKLIJN VOORZIEN DAARVAN EN WERKWIJZE DAARVOOR	(74) dr. A.V. Huygens	(31) 202111459664.0
(73) De Greef's Wagen-, Carrosserie- en Machinebouw B.V.	(51) C04B 38/00	(32) 02.12.2021
(72) Wilhelm Jan Nijland	(11) 2033277	(33) China
(74) dr. ir. G.J.C. Verdijck c.s.	(47) 16.06.2023	(51) C09K 17/40
(31) 2028839	(22) 11.10.2022	C05G 5/12
(32) 26.07.2021	(54) METHOD FOR PREPARING POROUS CERAMIC	C05G 3/60
(33) Netherlands	(73) MACAO UNIVERSITY OF SCIENCE AND TECHNOLOGY	C05G 3/80
(51) B65D 47/26	(72) Xizhi Zhang	(11) 2029955
B65D 75/58	(74) ir. A. Blokland c.s.	(47) 19.06.2023
B67D 3/04	(51) C08J 3/12	(22) 29.11.2021
B65D 47/28	C08F 220/06	(54) SOIL CONDITIONER BASED ON BIOCHAR AND AMMONIATED STRAW, PREPARATION METHOD AND USE THEREOF
(11) 2029929	C08F 283/00	(73) NORTHWEST A&F UNIVERSITY
(47) 16.06.2023	C08G 8/34	(72) Shufang Wu
(22) 26.11.2021	C08K 3/08	Qin'ge Dong
(54) Aansluitstuk voor een vulnippel van een dispenser en houder voorzien van het aansluitstuk	C08L 61/14	Fangyu Shu
(73) Dipperdip Worldwide Group BV	C08J 3/075	Hao Feng
(72) Paul van den Hoonard	(11) 2029932	Guangjie Chen
Rene van de Poel	(47) 16.06.2023	(74) ir. M.B. Plaggenborg
(74) ir. G.J.M. Verhees	(22) 26.11.2021	(51) C09K 21/14
(51) B65D 88/52	(54) MULTI-FUNCTIONAL HYDROGEL TRIGGERED BY LIGNIN-BASED PHENOLIC RESIN SILVER-LOADED NANOSPHERES AND PREPARATION METHOD AND USE THEREOF	C09K 21/12
(11) 1044216	(73) Qilu University of Technology	C08K 5/3492
(47) 15.06.2023	(72) Gaojin Lyu	(11) 2030235
(22) 24.11.2021	Han Cui	(47) 14.06.2023
(54) Method of folding a container	Weikun Jiang	(22) 22.12.2021
(73) Box2Build B.V.	Yu Liu	(54) A MODIFIED MELAMINE-PHYTATE FLAME RETARDANT, AND PREPARATION METHOD AND APPLICATION THEREOF
(72) Arthur Vincent Marius Meijers	Xingxiang Ji	(73) China Academy of Safety Science and Technology
(51) B65G 17/24	Guihua Yang	(72) Congling Shi
B65G 47/26	(74) ir. M.B. Plaggenborg	Guolin Liu
(11) 2030029	(51) C08L 27/16	Xiaodong Qian
(47) 20.06.2023	C08L 27/18	Jingyun Jing
(22) 03.12.2021	(11) 2032882	Zhaochun Yang
(54) Werkwijze, transporteur en transportsysteem voor het transporteren van producten	(47) 14.06.2023	Xuan Xu
(73) Rexnord FlatTop Europe B.V.	(22) 29.08.2022	Honglei Che
(72) Cornelis Hendrik Mijndert Menke	(54) POLYMER BLENDS FOR USE IN WELLBORE APPLICATIONS	Jian Li
Leonardus Adrianus Catharinus Cornelissen	(73) Halliburton Energy Services, Inc.	(74) ir. W.J.J.M. Kempes
(74) ir. H.A. Witmans c.s.	(72) Shashwat Shukla	(31) 202110235327.7
(51) B66C 13/02	Arpana Singh	(32) 03.03.2021
B66C 23/52	Sandeep Thatahil	(33) China
B66D 1/52	(74) dr. ir. F.M. van Bouwelen	(51) C12M 1/32
(11) 2029987	(31) 17/474,592	B01F 31/24
(47) 19.06.2023	(32) 14.09.2021	B01F 35/42
(22) 01.12.2021	(33) United States of America	C12M 1/00
(54) Vessel and a crane with heave compensation system	(51) C09K 11/06	C12M 3/06
(73) Kenz Figeer Group B.V.	G01N 21/64	(11) 1044220
(72) Marcel van Bennekom	C07C 255/30	(47) 16.06.2023
(74) ir. F.A. Geurts c.s.	(11) 2031039	(22) 26.11.2021
(51) C02F 1/28	(47) 20.06.2023	(54) A method of incubating cells in a cell-growth unit clamped to a base plate of a shaker device
C04B 41/00	(22) 22.02.2022	(73) Enzyscreen BV
C04B 41/45	(54) DYE SWITCH WITH DIFFERENT RESPONSE TO FE3+ AND AL3+ AND APPLICATION THEREOF	(72) Wouter Adriaan Duetz
B01J 20/02	(73) Dezhou University	Servaes Joordens
(11) 2031899	(72) Jing Xu	(51) C12N 1/14
(47) 16.06.2023	Peng Du	A01G 22/45
(22) 17.05.2022	Yanyan Zhang	C12R 1/72
(54) Gemodificeerd betongranulaat voor de opslag, drainage, infiltratie en/of hergebruik van vloeistof, zoals regenwater	Dunqing Wang	A01N 63/32
(73) Drainstabil B.V.	Xin Li	(11) 2033342
(72) Jan Elbert van Laar	Lianwen Zhou	(47) 19.06.2023
	Zhigang Wang	(22) 18.10.2022
	Yuting Chen	
	(74) ir. M.B. Plaggenborg	

(54) CANDIDA DUOBUSHAEMULONII AND APPLICATION THEREOF IN CONTROL OF TOBACCO BLACK SHANK	(11) 2029861 (47) 15.06.2023 (22) 23.11.2021	(54) USE OF INTERFERON ALPHA-INDUCIBLE PROTEIN 6 (IFI6) AND MEDICINE
(73) Yunnan Tobacco Company Kunming Branch	(54) A method for generating a human cortical spheroid from self-renewing stem cells capable of differentiation	(73) China National Nuclear Corporation 416 Hospital Sichuan University
(72) Yonghui Xie Xing Zhang Sigui Ji Zhijiang Wang Hongfang Zhang Yaqiong Chen Yonggui Zhang Daquan Yang Hai Liu	(73) NeuroDrug Research B.V. Jan Kelders Beheer B.V. (72) Gerardus Julianus Maria Martens Kimberly Mary Anne de Kleijn (74) ir. A. Blokland c.s.	(72) Huimin Jia Sheng Jiang Shuyu Zhang Pengfei Liu (74) ir. W.J.J.M. Kempes
(74) dr. T. Wittop Koning PhD	(51) C12N 5/16 G01N 33/569 C07K 16/12	(51) C12P 5/02 C12M 1/107 C12M 1/00 C12M 1/12 C12M 1/42 C12N 13/00 C25B 3/03 C25B 3/26 C25B 9/40 C25B 11/037 C25B 11/054 C25B 11/065 C25B 11/075 C25B 15/023 C25B 15/08
(51) C12N 1/14 C12R 1/645	(11) 2030002 (47) 20.06.2023 (22) 02.12.2021	(11) 2029926 (47) 16.06.2023 (22) 26.11.2021
(11) 2033340 (47) 19.06.2023 (22) 18.10.2022	(54) HYBRIDOMA CELL LINE SECRETING MONOCLONAL ANTIBODY AGAINST MYCOPLASMA MYCOIDES CLUSTER, MONOCLONAL ANTIBODY AND ITS APPLICATION	(54) A PROCESS TO TREAT A CARBON DIOXIDE COMPRISING GAS
(54) TRICHOSPORON ASAHII AND APPLICATION THEREOF	(73) LANZHOU VETERINARY RESEARCH INSTITUTE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES	(73) PAQELL B.V. (72) Dandan Liu Frederikus de Rink Johannes Bernardus Maria Klok
(73) Yunnan Tobacco Company Kunming Branch	(72) Yuefeng Chu Yaqin Wu Xinmin Yan Huafang Hao Shengli Chen Yongsheng Liu Tianrong Zhao	(74) ir. M. Cramwinckel
(72) Ping Jin Zhijiang Wang Yonghui Xie Daquan Yang Dekai Ning En Dai Facong Qian Gang Wei Xing Zhang Hai Liu Hongsong Liu Sigui Ji Mingbo Li Junming Li	(74) ir. M.B. Plaggenborg (83) C201972 08.05.2019 China Center for Type Culture Collection (CCTCC) College of Life Sciences, Wuhan University, Wuhan 430072, China	(51) C12Q 1/28 (11) 2033192 (47) 14.06.2023 (22) 30.09.2022
(74) dr. T. Wittop Koning PhD	(51) C12N 15/11 C12Q 1/6895	(54) A Preparation Method of A Nanomaterial with bionic enzymes activity and An Application of the Nanomaterial in Glyphosate Detection
(51) C12N 1/20 A61K 35/745 A61P 17/00	(11) 2029930 (47) 16.06.2023 (22) 26.11.2021	(73) Yunnan Tobacco Quality Supervision and Testing Station (72) Huimin Deng Dezhi Yang Wenyong Huang Jie Song Chunqiong Wang Haowei Sun Yan Zhang Dan Chen Yaling Yang Li Chen Ke Zhang Xiaodong Yin Keqiang Li Yuemao Wang Xiaodong Hu Yunfang Zhao
(11) 2029965 (47) 19.06.2023 (22) 30.11.2021	(54) DEVELOPMENT OF EXPRESSED SEQUENCE TAG-SIMPLE SEQUENCE REPEAT (EST-SSR) MARKERS RELATED TO ABELMOSCHUS ESCULENTUS FRUIT COLORS, AND KIT	(74) ir. W.J.J.M. Kempes (31) 202210962449.0 (32) 11.08.2022 (33) China
(54) BIFIDOBACTERIUM BIFIDUM (B. BIFIDUM) STRAIN BB-20 AND USE THEREOF IN PREPARATION OF PRODUCT FOR IMPROVING SKIN QUALITY AND REDUCING PIGMENTATION SPOTS	(73) Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton and Bast Fiber Crops Research)	(51) C12Q 1/682 (11) 2029944
(73) Shandong Zhongke-Jiayi Bioengineering Co.,Ltd	(72) Xia An Changli Chen Xiahong Luo Wenlue Li Lina Zou Guanlin Zhu Tingting Liu	
(72) Jianliang Hou Yulin Pan Weichao Cao Hongliang Liu Cuihua Li Chuan Sun Wenhao Zhou Min Bu Hualei Zhang Yongjuan Zhang	(74) ir. M.B. Plaggenborg	
(74) ir. M.B. Plaggenborg	(51) C12N 15/867 C12N 15/12 A61P 17/00 A61K 38/17	
(51) C12N 5/0735 C12N 5/0793 C12N 5/0797 C12N 5/079	(11) 2029972 (47) 19.06.2023 (22) 01.12.2021	

(47) 16.06.2023	E04B 2/56	Rob Josephus Franciscus Maria
(22) 29.11.2021	E04H 9/02	Uitenhoven
(54) Luciferase-intercalating dye conjugates for ratiometric nucleic acid detection	E04B 1/98	(74) ir. G.J.M. Verhees
(73) Technische Universiteit Eindhoven	(11) 2029933	(31) 2030030
(72) Yosta de Stigter	(47) 16.06.2023	(32) 03.12.2021
Bas Rosier	(22) 26.11.2021	(33) Netherlands
Maarten Merkk	(54) ENERGY DISSIPATING AND DAMPING	(51) E04H 7/22
(74) ir. A. Blokland c.s.	OBLIQUE PRESTRESSED SHEAR	H02S 20/23
(51) C22B 7/04	WALL STRUCTURE SYSTEM	B65D 88/00
C22B 1/02	SUITABLE FOR PREFABRICATION	B65D 90/00
C22B 34/22	(73) QINGDAO UNIVERSITY OF	(11) 2029970
(11) 2029886	TECHNOLOGY	(47) 19.06.2023
(47) 15.06.2023	(72) Jigang Zhang	(22) 01.12.2021
(22) 23.11.2021	Zhehao Ma	(54) SILO EN AFDEKKING DAARVOOR
(54) METHOD FOR EXTRACTING VANADIUM FROM MANGANESE-VANADIUM SLAG PREPARED THROUGH VANADIUM BLOWING IN CONVERTER	Haizhi Liang	(73) Dutch Cover Solutions B.V.
(73) Northeastern University	Feifei Liu	(72) Johannes Hubertus Zengerink
(72) Donghui Chen	Weixiao Xu	(74) dr. ir. G.J.C. Verdijck c.s.
Aijun Teng	Chunwei Zhang	(51) E04H 17/00
Xiangxin Xue	(74) ir. M.B. Plaggenborg	E04H 17/14
Xuefei Zhang	(51) E04D 5/08	E04H 17/16
Minglei Gao	C08K 5/49	E06B 11/02
Gongjin Cheng	C08L 29/14	(11) 2029865
Jianxing Liu	C08K 5/02	(47) 15.06.2023
(74) ir. M.B. Plaggenborg	(11) 2029905	(22) 23.11.2021
(51) E01D 19/02	(47) 15.06.2023	(54) Fence assembly and gate comprising the fence assembly
(11) 2030004	(22) 25.11.2021	(73) Heras B.V.
(47) 20.06.2023	(54) SURFACE COVERING	(72) Jan Rudolf Ruigrok
(22) 02.12.2021	(73) Dakip B.V.	Simone Scheres
(54) ABUTMENT AND CONSTRUCTION METHOD THEREOF	(72) Lawrence Fabian Batenburg	(74) dr. ir. G.J.C. Verdijck c.s.
(73) Nanchang Hangkong University	Roeland Hans Ferdinand van Delden	(51) E06B 3/48
(72) Xionghui Zeng	(74) ir. H.A. Witmans c.s.	E06B 3/70
Liang Chang	(51) E04F 13/08	E06B 3/82
Yingxiang Zhao	F24S 25/30	(11) 2029911
Kaiyuan Zheng	H02S 20/22	(47) 15.06.2023
Tianyu Wen	(11) 1044218	(22) 25.11.2021
Zhongxu Huang	(47) 16.06.2023	(54) Sectionaaldeur
(74) ir. M.B. Plaggenborg	(22) 26.11.2021	(73) Different Group B.V.
(51) E02D 27/02	(54) A SYSTEM COMPRISING INSTALLED PANELS, A PANEL AND A METHOD FOR INSTALLING PANELS	(72) Sil Koos Johan Kuppens
E02D 27/32	(73) BIPV.world B.V.	Antonius Gerardus van den Wildenberg
E02D 27/42	(72) Ir Eugenio Julius Alphonsus Maria Widlak	(74) ir. A. Blokland c.s.
(11) 2030009	(51) E04F 15/02	(51) E06B 7/20
(47) 20.06.2023	A47K 3/00	(11) 2032899
(22) 03.12.2021	E04B 1/66	(47) 19.06.2023
(54) Poer en een fundering omvattende een poer	E04F 15/18	(22) 30.08.2022
(73) Cortenpoer B.V.	(11) 2029900	(54) PASSIVE SOUNDPROOF BUILDING ENERGY-SAVING DOOR
(72) Martinus Alexander van de Baan	(47) 15.06.2023	(73) Zunhua Kuowang Wood Industry Co.,Ltd.
(74) ir. J.C. Volmer c.s.	(22) 25.11.2021	(72) Chao Gao
(51) E03F 3/04	(54) Hoekafdichting	Yangyang Dong
F16L 17/03	(73) Easy Sanitary Solutions B.V.	Yingchao Ma
F16L 21/02	(72) Jurgen Hendrik Peter Joseph Keizers	Xinyu Gao
(11) 1044228	(51) E04F 17/02	Jiacong Goa
(47) 20.06.2023	B26D 3/10	(74) ir. W.J.J.M. Kempes
(22) 02.12.2021	B26F 3/12	(31) 202122993603.4
(54) UITLAATADAPTER VAN EEN KOLK	(11) 2033673	(32) 01.12.2021
(73) D&B INGENIEURS	(47) 20.06.2023	(33) China
TBS-SVA GROEP B.V.	(22) 05.12.2022	(51) E21B 33/12
(72) ir. Wiebe Jan Bakker	(54) Prefab bouwdeel, in het bijzonder een prefab schoorsteen, alsmede werkwijze voor het vervaardigen van het prefab bouwdeel	E21B 41/00
ing. Wietse Dijkstra	(73) Rob Josephus Franciscus Maria	(11) 2032965
(74) dr. ir. G.J.C. Verdijck c.s.	Uitenhoven	(47) 14.06.2023
(51) E04B 2/00	Martinus Gijsbertus Carolus Maria van Kemenade	(22) 06.09.2022
	(72) Martinus Gijsbertus Carolus Maria van Kemenade	(54) CARBON-SWELLABLE SEALING ELEMENT
		(73) Halliburton Energy Services, Inc.
		(72) Chad William Glaesman
		Michael Linley Fripp

Nam Thanh Vu	(22) 01.12.2021	A47J 31/54
(74) dr. ir. F.M. van Bouwelen	(54) DISC FLOW PULSATION GENERATOR	B67D 1/00
(31) PCT/US21/72263	(73) Beihang University	E03C 1/04
17/453,698	(72) Qingfei Fu	F24H 1/10
(32) 05.11.2021	Penghui Li	(11) 2030010
05.11.2021	Zixuan Fang	(47) 20.06.2023
(33) United States of America	Lijun Yang	(22) 03.12.2021
United States of America	Qixiang Gao	(54) Waterafgifte-inrichting
(51) E21C 35/22	(74) ir. W.J.J.M. Kempes	(73) Quooker International B.V.
E21C 41/18	(51) F16B 5/02	(72) Jan Oosting
G01N 21/53	(11) 2032521	Laurens Gillis Jacobus de Rijke
(11) 2030983	(47) 19.06.2023	Niels Theodoor Peteri
(47) 19.06.2023	(22) 18.07.2022	(74) ir. J.C. Volmer c.s.
(22) 17.02.2022	(54) Adjustable levelling chock	(51) F24F 6/02
(54) Method for efficiently controlling dust produced in coal cutting by road header	(73) Aktiebolaget SKF	F24D 19/00
(73) Nanjing University of Information Science and Technology	(72) Rene Vermeulen	(11) 2029921
China University of Mining and Technology	Abraham Hendrik Hooghart	(47) 16.06.2023
(72) Deming Wang	(74) J. Hoekstra	(22) 26.11.2021
Wendong Zhou	(31) 102021208535.0	(54) Combined electrical heater and humidifier
Hetang Wang	(32) 05.08.2021	(73) Duux Holding B.V.
(74) dr. T. Wittop Koning PhD	(33) Germany	(72) Mark Angenent
(31) 202210094298.1	(51) F16B 21/16	(74) drs. P.A. van Essen c.s.
(32) 26.01.2022	E05C 1/04	(51) F24S 20/70
(33) China	E05B 15/00	B63B 35/34
(51) E21D 11/10	(11) 2032842	(11) 2031014
(11) 2029980	(47) 16.06.2023	(47) 14.06.2023
(47) 19.06.2023	(22) 24.08.2022	(22) 18.02.2022
(22) 01.12.2021	(54) Lock	(54) Pontoon for a solar energy system, use of a pontoon, and method of manufacturing a pontoon
(54) DEVICE FOR MONITORING CONCRETE FILLING OF TUNNEL SECONDARY LINING VAULT AND USING METHOD THEREOF	(73) Zhejiang Ridge Outdoor CO., LTD	(73) Texel4Trading B.V.
(73) CHINA RAILWAY 16TH BUREAU GROUP CO., LTD.	(72) Baoqing Yang	(72) Nicolaas Johannes Wilhelmina Hendrikus Schermer
BEIJING JIAOTONG UNIVERSITY	(74) ir. H.Th. van den Heuvel c.s.	(74) dr. mr. ir. D.B. van Dam
(72) Mingli Huang	(31) 202122055626.0	(31) 21158308.3
Qian Dong	(32) 27.08.2021	(32) 19.02.2021
Su Yan	(33) China	(33) European Patent Office (EPO)
Yonggang Li	(51) F16L 47/28	(51) F24T 10/10
Dong Ma	B29C 44/58	(11) 2030007
Wuxian Wang	F16K 15/03	(47) 20.06.2023
Yitao Feng	F16K 15/16	(22) 03.12.2021
Liujie Jin	(11) 2029907	(54) Geothermal heat exchange system
(74) ir. W.J.J.M. Kempes	(47) 15.06.2023	(73) Kiss Solutions B.V.
(51) F04D 29/054	(22) 25.11.2021	(72) Gerhardus Johannes Hendrikus Maria Kristen
F04D 29/26	(54) a one-way valve, a construction element comprising the one-way valve and a method of realising the construction element	(74) ir. A. Blokland c.s.
F04D 29/28	(73) Ferlem IP Holding B.V.	(51) G01C 21/34
F04D 29/62	(72) Mike Johannes Cornelus Wilhelmus van Toer	G01C 21/36
F04D 29/053	Johannus Henricus Petrus Deckers	G06N 20/00
(11) 2029919	(74) ir. A. Blokland c.s.	(11) 2029848
(47) 15.06.2023	(51) F24D 13/02	(47) 16.06.2023
(22) 25.11.2021	(11) 2032299	(22) 19.11.2021
(54) CONNECTION DEVICE FOR IMPELLER AND MAIN SHAFT OF LOW-TEMPERATURE-RISE CENTRIFUGAL STEAM COMPRESSOR AND METHOD THEREOF	(47) 16.06.2023	(54) DYNAMIC SELECTION OF AUTONOMOUS VEHICLE STOPPING POINTS
(73) NANTONG DART-RICH FAN CO., LTD.	(22) 28.06.2022	(73) Intel Corporation
(72) Xiaojun Miao	(54) Werkwijze voor het aanbrengen van een elektrische verwarmingsfolie, alsmede gebouw voorzien van de verwarmingsfolie	(72) Frederik Pasch
Xiaojian Cui	(73) Calor Investments B.V.	Ravikumar Balakrishnan
Xiaowen Hu	(72) Nick van Kruijsdijk	Cornelius Buerkle
(74) ir. M.B. Plaggenborg	Raymond Edward Mario van der Weijden	Maruti Gupta
(51) F15B 21/12	Marcus Gerardus Antonius van Kruijsdijk	Kay-Ulrich Scholl
(11) 2029983	(74) ir. G.J.M. Verhees	Fabian Oboril
(47) 19.06.2023	(31) 2029372	Yi Zhang
	(32) 08.10.2021	Hao Feng
	(33) Netherlands	(74) dr. A. Krebs
	(51) F24D 17/00	(31) 17/131,625
		(32) 22.12.2020

(33) United States of America	(73) Nanjing University of Information Science and Technology	(73) China Jiliang University
(51) G01J 4/04	(72) Yongming Xu	(72) Ben Xu
(11) 2029885	(72) Yaping Mo	Chunliu Zhao
(47) 15.06.2023	Shanyou Zhu	Yun Guo
(22) 23.11.2021	Huijuan Chen	(74) ir. W.J.J.M. Kempes
(54) METHOD FOR SYNCHRONOUSLY MEASURING NON-ORTHOGONALIZATION ANGLE AND ELLIPTICIZATION ANGLE OF DUAL-FREQUENCY LASER	Guojie Wang	(51) G01N 21/64
(73) HARBIN INSTITUTE OF TECHNOLOGY	(74) drs. C.M.A. Quintelier	G01N 33/577
(72) Haijin Fu	(31) 2021109496981	(11) 2029971
Pengcheng Hu	(32) 18.08.2021	(47) 19.06.2023
Xu Xing	(33) China	(22) 01.12.2021
Jiubin Tan	(51) G01N 15/08	(54) TIME RESOLVED
(74) ir. M.B. Plaggenborg	(11) 2029973	FLUOROIMMUNOASSAY KIT FOR DETECTING GALECTIN-3
(51) G01M 3/02	(47) 19.06.2023	(73) AFFILIATED HOSPITAL OF NANTONG UNIVERSITY
H01M 8/04014	(22) 01.12.2021	(72) Mingbing Xiao
G01R 31/378	(54) VISUAL TEST APPARATUS AND METHOD FOR IMPROVING DOUBLE-LOOP INFILTRATION PROCESS	Wenjie Zheng
H01M 8/04089	(73) Qingdao University of Technology	Feng Jiang
H01M 8/04701	(72) Chenggang Lu	Tong Wu
H01M 8/04029	Cheng Zhang	Fei Chen
(11) 2029931	Guizhi Wu	Renjie Lin
(47) 16.06.2023	Yaohui Liu	Wenkai Ni
(22) 26.11.2021	(74) ir. W.J.J.M. Kempes	(74) ir. W.J.J.M. Kempes
(54) DURABILITY ACCELERATED TEST METHOD AND DURABILITY ACCELERATED TEST DEVICE FOR FUEL CELL STACK	(51) G01N 19/02	(51) G01N 23/2254
(73) WUHAN UNIVERSITY OF TECHNOLOGY	(11) 2029975	G01N 25/18
(72) Maji Luo	(47) 19.06.2023	(11) 2032117
Yan Zhao	(22) 01.12.2021	(47) 15.06.2023
Chaochao Qin	(54) DEVICE FOR TESTING FRICTION BETWEEN SURFACES OF TWO OBJECTS	(22) 24.12.2020
Ben Chen	(73) Ocean University of China	(54) Method and apparatus for the determination of thermal properties of a measurement area of a sample
(74) ir. M.B. Plaggenborg	(72) Zhixiong Li	(62) 2027219 (24.12.2020)
(51) G01N 1/14	Yuansheng Chen	(73) DELMIC IP B.V.
(11) 2029912	Mengmeng Wang	(72) Albert Polman
(47) 15.06.2023	Xinrui Qi	Kelly Ann Weekley Mauser
(22) 25.11.2021	Yang Xu	(74) ir. F.A. Geurts c.s.
(54) ON-SITE COLLECTION DEVICE AND SAMPLING METHOD FOR LARGE-TANK MILK SAMPLE OF MILK TANK	Linxiang Li	(51) G01N 27/623
(73) Institute of Animal Science and Veterinary Medicine, Shandong Academy of Agricultural Sciences	Jiaxuan Leng	G01N 33/18
(72) Jianbin Li	Changming Zhang	H01J 49/10
Shaohu Chen	Zhihe Duan	(11) 2033445
Rumei Zhang	(74) ir. W.J.J.M. Kempes	(47) 14.06.2023
Shiming Chai	(51) G01N 21/33	(22) 02.11.2022
Yanqin Li	(11) 2029908	(54) ICP-MS METHOD FOR MULTI-ELEMENT DETERMINATION BY DIRECT SAMPLE INJECTION OF HIGH SALT WATER
Qingxia Yan	(47) 15.06.2023	(73) South China Sea Environmental Monitoring Center of the State Oceanic Administration (Inspection and Identification Center of the South China Sea Area of the China Maritime Regulatory Commission)
Gaozhan Cai	(22) 25.11.2021	(72) Dongdong Ma
Xiuxin Zhao	(54) METHOD FOR EVALUATING COLD-HOT NATURE OF CHINESE HERBAL MEDICINE BASED ON FINGERPRINT	Xiaomin Li
Wenhao Liu	(73) SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE	Houlei Jia
Ying Chang	(72) Guohui Wei	Maosen Shangguan
Yundong Gao	Zhenguo Wang	Xinrui Wang
Jifeng Zhong	Min Qiu	Hua Wang
(74) ir. M.B. Plaggenborg	(74) ir. W.J.J.M. Kempes	Shengyong Li
(51) G01N 15/06	(51) G01N 21/45	Yanru Lv
(11) 2030716	G01N 21/77	Zhixin Ni
(47) 14.06.2023	G01J 3/26	Xiaojuan Wang
(22) 26.01.2022	G02B 6/293	Xin Chen
(54) METHOD FOR MONITORING NIGHTTIME PM2.5 CONCENTRATION BASED ON NIGHTTIME LIGHT REMOTE SENSING DATA	G02B 6/26	Wei Deng
	(11) 2029909	Shengying Lan
	(47) 15.06.2023	Minxia Zhang
	(22) 25.11.2021	Chuqian Lu
	(54) SELF-ENCAPSULATED OPTICAL FIBER FABRY-PEROT INTERFEROMETER TYPE HYDROGEN SENSOR BASED ON Pd/Ag ALLOY FILM	Yuzhang Xiao

Changshu Chen	Decheng Wu	(51) G05D 27/02
Zebin Zhuang	Dong Liu	A01C 23/04
(74) drs. C.M.A. Quintelier	Chenbo Xie	B01F 27/90
(31) 202111285414.X	Bangxin Wang	(11) 2029946
(32) 04.11.2021	Yingjian Wang	(47) 19.06.2023
(33) China	(74) ir. M.B. Plaggenborg	(22) 29.11.2021
(51) G01P 5/00	(51) G01V 11/00	(54) WATER-FERTILIZER INTEGRATED
G01M 10/00	(11) 2029914	SOLID FERTILIZER CONTINUOUS
E02B 1/02	(47) 15.06.2023	FERTILIZING DEVICE
(11) 2029917	(22) 25.11.2021	(73) Farmland Irrigation Research Institute,
(47) 15.06.2023	(54) COAL SEAM ROOF AND FLOOR	Chinese Academy of Agricultural
(22) 25.11.2021	LITHOLOGY PREDICTION METHOD	Sciences
(54) MEASURING DEVICE FOR WATER	(73) CHINA UNIVERSITY OF MINING AND	(72) Qian Cheng
FLOW RATE OF UPRIGHT SECTION	TECHNOLOGY, BEIJING	Xiulu Sun
OF COMB TYPE BREAKWATER IN	(72) Suzhen Shi	Jinshan Li
TEST WATER CHANNEL	Jianying Gu	Fuyi Duan
(73) LUDONG UNIVERSITY	Jiacheng Guo	Zhen Chen
(72) Xueyan Li	(74) ir. M.B. Plaggenborg	Yinbo Cao
Qing Wang	(51) G01V 13/00	(74) ir. W.J.J.M. Kempes
Chao Zhan	G01V 1/52	(51) G06F 1/18
Xiang Wan	(11) 2029948	(11) 2031930
Xiaomin Xie	(47) 19.06.2023	(47) 16.06.2023
Tian Xie	(22) 29.11.2021	(22) 18.05.2022
(74) ir. M.B. Plaggenborg	(54) CALIBRATION PROTECTION DEVICE	(54) DUAL IN-LINE MEMORY MODULE
(51) G01S 7/35	FOR ACOUSTIC WAVE IMAGER	(DIMM) SOCKET THAT PREVENTS
G01S 7/41	(73) Northeast Petroleum University	IMPROPER DIMM RELEASE
G01S 13/34	(72) Ouyang Xiu	(73) Intel Corporation
G01S 13/58	Bibo Long	(72) Xiang Li
G01S 13/72	Meiling Zhang	George Vergis
G01S 13/931	Yunxin Liu	(74) dr. A. Krebs
G01S 13/44	Ke Zeng	(31) 17/352,211
(11) 2029854	LinJianru Zhang	(32) 18.06.2021
(47) 16.06.2023	(74) ir. W.J.J.M. Kempes	(33) United States of America
(22) 22.11.2021	(51) G02B 6/26	(51) G06F 1/20
(54) HIGH END IMAGING RADAR	(11) 2029882	G06F 1/16
(73) Intel Corporation	(47) 16.06.2023	(11) 2029996
(72) Sreenivas Subramoney	(22) 23.11.2021	(47) 20.06.2023
Leor Banin	(54) A PHOTONIC WAVELENGTH DIVISION	(22) 02.12.2021
Yuval Amizur	MULTIPLEXING (WDM) RECEIVER	(54) COOLING A COMPUTING DEVICE
Pradyumna Singh	WITH POLARIZATION DIVERSITY AND/	(73) Microsoft Technology Licensing, LLC
Shengbo Xu	OR LOW REFLECTANCE	(72) Chien Lung Yang
Wen-Ling Huang	(73) Intel Corporation	Todd Alan Chiles
Biji George	(72) Aliasghar Eftekhar	Yin Xiong
Om Ji Omer	Ling Liao	(74) ir. J.C. Volmer c.s.
Nir Dvorecki	Mohammad Montazeri Najafabadi	(51) G06F 9/30
Dipan Kumar Mandal	Ganesh Balamurugan	(11) 2030804
Chulong Chen	Haisheng Rong	(47) 16.06.2023
Ivan Simoes Gaspar	David Hui	(22) 01.02.2022
Saiveena Kesaraju	Meer Nazmus Sakib	(54) FLEXIBLE RETURN AND EVENT
Hao Chen	Hao Li	DELIVERY
(74) dr. A. Krebs	Taehwan Kim	(73) Intel Corporation
(31) PCT/US20/66300	Saeed Fathololoumi	(72) Vedvyas Shanbhogue
(32) 21.12.2020	Duanni Huang	H. Peter Anvin
(33) United States of America	Chaoxuan Ma	Gilbert Neiger
(51) G01S 17/95	(74) dr. A. Krebs	Deepak Gupta
G01S 7/481	(31) 17/133,347	(74) dr. A. Krebs
(11) 2029991	(32) 23.12.2020	(31) 63/155,605
(47) 19.06.2023	(33) United States of America	63/159,366
(22) 01.12.2021	(51) G02B 27/09	63/172,594
(54) DUAL-WAVELENGTH FOUR-	B23K 26/064	17/359,534
CHANNEL LASER RADAR SYSTEM	(11) 2030028	(32) 02.03.2021
FOR DETECTING CLOUD FINE	(47) 20.06.2023	10.03.2021
STRUCTURE	(22) 03.12.2021	08.04.2021
(73) HEFEI INSTITUTES OF PHYSICAL	(54) LASER MARKING SYSTEM	26.06.2021
SCIENCE, CHINESE ACADEMY OF	(73) Inphocal B.V.	(33) United States of America
SCIENCES	(72) Martijn Joseph Boerkamp	United States of America
(72) Zhenzhu Wang	(74) ir. H.A. Witmans c.s.	United States of America
Zhiqing Zhong		United States of America

(51) G06F 9/4401	(51) G06F 12/10	Zhiwei Zhang
(11) 2029951	G06F 12/1009	Yonggen Sun
(47) 19.06.2023	G06F 12/1027	Jing Wang
(22) 29.11.2021	(11) 2031072	Jue Wang
(54) METHOD AND DEVICE FOR	(47) 16.06.2023	(74) ir. W.J.J.M. Kempes
INSTALLING AND RUNNING UNIX-LIKE	(22) 24.02.2022	(51) G06T 7/00
OPERATING SYSTEM IN WINDOWS	(54) APPARATUS AND METHOD TO	(11) 2029877
ENVIRONMENT	IMPLEMENT SHARED VIRTUAL	(47) 15.06.2023
(73) Guangdong Peizheng College	MEMORY IN A TRUSTED ZONE	(22) 23.11.2021
(72) Jianhu Gong	(73) Intel Corporation	(54) IMAGE BASED ANALYSIS OF A
(74) ir. M.B. Plaggenborg	(72) Junyuan Wang	VESSEL STRUCTURE
(51) G06F 9/50	Maksim Lukoshkov	(73) Undercurrent Laboratory B.V.
H04L 67/10	Kaijie Guo	(72) Matthew David La Fontaine
(11) 2031440	Weigang Li	Hein Pieter Stallman
(47) 16.06.2023	Xin Zeng	Bart Victor Stallmann
(22) 29.03.2022	(74) dr. A. Krebs	(74) ir. H.A. Witmans c.s.
(54) METHOD AND SYSTEM FOR	(31) PCT/CN2021/083178	(51) G06T 7/277
SELECTING TASK OFFLOADING NODE	(32) 26.03.2021	G06T 7/246
(73) Shandong Normal University	(33) China	(11) 2029915
(72) Chuanfen Feng	(51) G06F 13/42	(47) 15.06.2023
Ke Liu	G06F 13/40	(22) 25.11.2021
Jiande Sun	H04L 9/40	(54) METHOD, SYSTEM, EQUIPMENT
(74) ir. M.B. Plaggenborg	(11) 2029742	AND STORAGE MEDIUM FOR SHIP
(31) 202110752636.1	(47) 16.06.2023	TRACKING
(32) 02.07.2021	(22) 12.11.2021	(73) QINGDAO UNIVERSITY OF SCIENCE
(33) China	(54) STREAM ROUTING AND IDE	AND TECHNOLOGY
(51) G06F 11/34	ENHANCEMENTS FOR PCIE	(72) Xinghai Yang
G06F 17/40	(73) Intel Corporation	Lingwei Xu
H04L 43/0817	(72) David J. Harriman	Fengjiao Wang
(11) 2033144	(74) dr. A. Krebs	Jianfeng Yuan
(47) 14.06.2023	(31) 63/126,964	Jingjing Wang
(22) 26.09.2022	17/225,221	Wei Shi
(54) A Software Information Collection and	(32) 17.12.2020	Yulin Zhang
Processing System	08.04.2021	(74) ir. M.B. Plaggenborg
(73) Gansu Tongxing Intelligent Technology	(33) United States of America	(51) G06T 7/66
Development Co., Ltd.	United States of America	G06T 7/00
(72) Jian Guo	(51) G06F 30/17	(11) 2030008
Heling Wang	F16F 9/53	(47) 20.06.2023
Wenbin Zhang	(11) 2031692	(22) 03.12.2021
Lei Yan	(47) 16.06.2023	(54) METHOD AND SYSTEM FOR
Xing Guo	(22) 25.04.2022	MONITORING STATE OF HIGH-
Yuan Zhang	(54) INTEGRATED OPTIMIZATION	STRENGTH BOLT OF ROTATING
Yalu Sun	DESIGN METHOD OF	COMPONENT
Jianfeng Han	MAGNETORHEOLOGICAL DAMPER	(73) Huaneng Renewables Corporation
Kai Guo	FOR WHOLE VEHICLE VIBRATION	Limited Hebei Branch
Shihong Xu	SUPPRESSION	(72) Xiangwei Wang
Yarong Luo	(73) CHONGQING JIAOTONG UNIVERSITY	Beibei Jin
Pa-Li-Dan Ai-Ni-Wa-Er	(72) Zhaoxue Deng	Junbin Zheng
Zhen Li	Xinxin Wei	Chunxing Ding
(74) dr. A.V. Huygens	Kejian Dong	Shi Zhang
(51) G06F 12/08	Qiang Cai	Naizhe Wang
G06F 12/0866	Sunke Zhu	(74) drs. C.M.A. Quintelier
G06F 12/0897	(74) ir. W.J.J.M. Kempes	(51) G06T 7/73
(11) 2030989	(31) 202111017459.9	(11) 2029549
(47) 16.06.2023	(32) 31.08.2021	(47) 16.06.2023
(22) 17.02.2022	(33) China	(22) 28.10.2021
(54) TWO-LEVEL MAIN MEMORY	(51) G06Q 10/06	(54) INCREMENTAL 2D-TO-3D POSE
HIERARCHY MANAGEMENT	G06T 17/05	LIFTING FOR FAST AND ACCURATE
(73) Intel Corporation	G06Q 50/00	HUMAN POSE ESTIMATION
(72) Sai Prashanth Muralidhara	(11) 2030016	(73) Intel Corporation
Vivek Kozhikkottu	(47) 20.06.2023	(72) Chao Yu
Wei P. Chen	(22) 03.12.2021	Yurong Chen
Alaa R. Alameldeen	(54) COMPUTER SYSTEM FOR	Anbang Yao
Rajat Agarwal	CALCULATING ISLAND STRUCTURE	Chong Wong
(74) dr. A. Krebs	STOCKS	Haojun Xu
(31) US 17/214,818	(73) First Institute of Oceanography, Ministry	Ming Lu
(32) 27.03.2021	of Natural Resources	Wenjian Shao
(33) United States of America	(72) Zhen Guo	Shandong Wang

Yangyuxuan Kang	Zebing Hu	H01L 25/065
Yikai Wang	Haobin Zhou	H01L 23/538
(74) dr. A. Krebs	Feng Gao	H01L 23/552
(31) PCT/CN2020/133084	Yuan Gao	(11) 2029741
(32) 01.12.2020	Jiangdong Zhao	(47) 16.06.2023
(33) China	Quan Sun	(22) 12.11.2021
(51) G06T 7/73	Tong Xue	(54) SHIELD STRUCTURES IN
G06T 7/80	(74) ir. W.J.J.M. Kempes	MICROELECTRONIC ASSEMBLIES
(11) 2031065	(31) 202111079077.9	HAVING DIRECT BONDING
(47) 16.06.2023	(32) 15.09.2021	(73) Intel Corporation
(22) 24.02.2022	(33) China	(72) Kevin P. O'Brien
(54) METHOD FOR VERIFYING PRECISION	(51) H01L 21/56	Gerald S. Pasdast
OF CALIBRATION PARAMETER,	H01L 25/065	Shawna M. Liff
MEDIUM AND ELECTRONIC DEVICE	H01L 21/683	Johanna M. Swan
(73) Shanghai Jiao Tong University	H01L 23/31	Zhiguo Qian
(72) Yuyun Zhao	H01L 23/48	Adel A. Elsherbini
Guoyan Zheng	H01L 23/498	Aleksandar Aleksov
Junyang Wu	H01L 23/538	Mohammad Enamul Kabir
(74) M. Schmid	H01L 23/00	Kimin Jun
(31) 202111027674.7	H01L 25/00	Han Wui Then
(32) 02.09.2021	(11) 2029722	Feras Eid
(33) China	(47) 16.06.2023	(74) dr. A. Krebs
(51) G06T 15/80	(22) 11.11.2021	(31) 17/127,382
G06T 1/20	(54) HERMETIC SEALING STRUCTURES	(32) 18.12.2020
G06T 15/00	IN MICROELECTRONIC ASSEMBLIES	(33) United States of America
(11) 2032148	HAVING DIRECT BONDING	(51) H01L 25/065
(47) 16.06.2023	(73) Intel Corporation	H01L 23/00
(22) 13.06.2022	(72) Feras Eid	H01L 25/00
(54) CONVERTING BARYCENTRIC PLANES	Shawna M. Liff	H01L 21/683
TO ATTRIBUTE PLANES	Aleksandar Aleksov	(11) 2031953
(73) Intel Corporation	Johanna M. Swan	(47) 16.06.2023
(72) Abhishek R. Appu	Mohammad Enamul Kabir	(22) 20.05.2022
Prasoonkumar Surti	Adel A. Elsherbini	(54) QUASI-MONOLITHIC HIERARCHICAL
Kalyan Bhiravabhatta	(74) dr. A. Krebs	INTEGRATION ARCHITECTURE
Subramaniam Maiyuran	(31) 17/121,093	(73) Intel Corporation
Eric Hoekstra	(32) 14.12.2020	(72) Julien Sebot
(74) dr. A. Krebs	(33) United States of America	Adel A. Elsherbini
(31) 17/390,198	(51) H01L 21/67	Johanna Swan
(32) 30.07.2021	(11) 2029928	Shawna M. Liff
(33) United States of America	(47) 16.06.2023	(74) dr. A. Krebs
(51) G09B 5/06	(22) 26.11.2021	(31) 17/354,773
G09B 5/08	(54) METHOD AND CAMERA SYSTEM FOR	(32) 22.06.2021
(11) 2032461	DETECTING SUBSTRATE POSITIONS	(33) United States of America
(47) 16.06.2023	IN A SUBSTRATE CASSETTE	(51) H01L 25/10
(22) 12.07.2022	(73) SUSS MicroTec Lithography GmbH	H01L 25/18
(54) EDUCATIONAL COMMUNITY SERVICE	(72) Rishav Mukherjee	H01L 25/065
METHOD, SYSTEM, APPARATUS,	Uwe Vogler	(11) 2029554
TERMINAL DEVICE AND STORAGE	Markus Schieber	(47) 16.06.2023
MEDIUM	Paul Berthold	(22) 29.10.2021
(73) SHENZHEN BLOCKCHAIN FINANCIAL	(74) ir. J.C. Volmer c.s.	(54) INTEGRATED CIRCUIT ASSEMBLIES
SERVICES CO., LTD	(51) H01L 23/538	(73) Intel Corporation
SHENZHEN HANDE FINMAKER CO.,	H01L 25/065	(72) Wilfred Gomes
LTD	(11) 2029743	Doug B. Ingerly
(72) Feng Cao	(47) 16.06.2023	Van H. Le
Xuefei Lin	(22) 13.11.2021	Abhishek A. Sharma
Yanduo Ren	(54) POWER-FORWARDING BRIDGE FOR	(74) dr. A. Krebs
(74) drs. C.M.A. Quintelier	INTER-CHIP DATA SIGNAL TRANSFER	(31) 17/210,836
(51) G09B 9/10	(73) Intel Corporation	63/119,928
(11) 2032752	(72) Zhiguo Qian	(32) 24.03.2021
(47) 16.06.2023	Peipei Wang	01.12.2020
(22) 15.08.2022	Daniel Krueger	(33) United States of America
(54) MULTI-DEGREE-OF-FREEDOM	Edward Burton	United States of America
ANIMAL CENTRIFUGE WITH FOUR	Gerald Pasdast	(51) H01M 4/134
ROTATING ARMS	(74) dr. A. Krebs	H01M 4/1395
(73) Air Force Medical University of People's	(31) 17/127,304	H01M 4/04
Liberation Army	(32) 18.12.2020	H01M 4/36
(72) Fei Shi	(33) United States of America	H01M 4/38
Shu Zhang	(51) H01L 23/66	(11) 2029989

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(54) Composite electrode material, method for its production and use of the material	(22) 25.11.2021	(54) MICROSERVICE APPLICATION OBSERVABILITY SYSTEM
(73) LeydenJar Technologies B.V.	(54) A series resonant converter for balancing a bipolar Direct Current, DC, power grid, as well as a corresponding arrangement, method and computer program product.	(73) Zhejiang University Shanghai Zhuyun Information Technology Co., Ltd.
(72) Joris Pieter Valentijn Maas Tijmen Rudolf Geertsen Rohanraj Sivaraj Arjen Peter Didden Yiseop Ahn	(73) Technische Universiteit Delft	(72) Shuomiao Jiang Xuelin Cheng Enhui Fu Lixing Lv
(74) dr. A. Krebs	(72) Sachin Yadav Zian Qin Pavol Bauer	(74) ir. W.J.J.M. Kempes
(51) H01P 3/08	(74) ir. A. Blokland c.s.	(74) ir. W.J.J.M. Kempes
H05K 1/02	(51) H04L 9/00	(31) 202111404543.6
(11) 2030602	G06Q 20/00	(32) 24.11.2021
(47) 16.06.2023	(11) 2032459	(33) China
(22) 18.01.2022	(47) 16.06.2023	(51) H04N 23/11
(54) INTEGRATED CIRCUIT SUPPORTS WITH MICROSTRIPS	(22) 12.07.2022	H04N 23/45
(73) Intel Corporation	(54) METAVERSE COMMUNITY GOVERNANCE METHOD, APPARATUS, TERMINAL DEVICE AND STORAGE MEDIUM	H04N 23/52
(72) Pooya Tadayon Srinivasa Aravamudhan Xiaoning Ye Brett Grossman Nathan Tan Wenzhi Wang	(73) SHENZHEN HANDE FINMAKER CO., LTD	(11) 2032022
(74) dr. A. Krebs	SHENZHEN BLOCKCHAIN FINANCIAL SERVICES CO., LTD	(47) 14.06.2023
(31) PCT/CN2021/078118	(72) Feng Cao	(22) 30.05.2022
(32) 26.02.2021	Yanduo Ren	(54) EyeClops Bionic Eye with Integrated Optical View and Infrared Thermography
(33) China	Xuefei Lin	(73) Weixin Technology (Zhejiang) Co., Ltd.
(51) H02G 3/08	(74) drs. C.M.A. Quintelier	(72) HongXin Zhang Weimei Zhang
(11) 2029888	(51) H04L 9/08	(74) dr. A.V. Huygens
(47) 15.06.2023	H04L 9/14	(51) H04R 29/00
(22) 24.11.2021	(11) 2029790	G10L 25/60
(54) Insert for an installation box	(47) 16.06.2023	(11) 2029967
(73) Attema B.V.	(22) 17.11.2021	(47) 19.06.2023
(72) Antonie de Hoog	(54) KEY MANAGEMENT FOR CRYPTO PROCESSORS ATTACHED TO OTHER PROCESSING UNITS	(22) 30.11.2021
(74) ir. J.C. Volmer c.s.	(73) Intel Corporation	(54) SYSTEM FOR MEASURING OBJECTIVE ACOUSTIC QUALITY PARAMETERS OF HALL
(51) H02G 3/12	(72) Kaijie Guo	(73) Suzhou Fansheng Intelligent Technology Co., Ltd.
H05B 47/19	Junyuan Wang	Tongji University
(11) 2029999	Michael Kounavis	(72) Haisheng Liu Qingli Zhou
(47) 20.06.2023	Ned M. Smith	(74) ir. M.B. Plaggenborg
(22) 02.12.2021	(74) dr. A. Krebs	(51) H04W 88/12
(54) Wanddoos	(31) PCT/CN2020/138853	(11) 2030840
(73) A.C. Pasma Holding B.V.	(32) 24.12.2020	(47) 16.06.2023
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United Kingdom	A61K 38/06	BULUT, Burcu
(51) A61K 9/12	A61K 9/00	SARRAÇOĞLU, Nagehan
A61K 31/439	A61P 25/00	(51) A61K 31/69
A61K 31/538	A61P 25/28	(11) EP3576716
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A61K 47/24	(11) EP3615023	(47) 21.06.2023
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(73) Mexichem Fluor S.A. de C.V.	THE TREATMENT OF	GEORGIU, Michelle
(72) CORR., Stuart	NEURODEGENERATIVE DAMAGE	(31) 201701583
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A61K 38/17	EXTRACT(S) AND A METHOD FOR	C12Q 1/18
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HU, Jing	ONE THAT IS ACIDIC TO ONE THAT IS	United States of America
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(51) B25B 27/02 B30B 12/00 E21B 19/16 E21B 19/00 E21B 29/00 B25B 27/14	(51) B25G 1/04 B25G 3/16 F16B 7/20 B25G 1/06 B25G 3/04 (11) EP3656510 (21) EP18835144.9 (47) 21.06.2023 (87) JP2018020500 24.01.2019 (22) 29.05.2018 (54) CONNECTION STRUCTURE OF OPERATION ROD (73) Nagaki Seiki Co., Ltd. (72) TAKADA Junsuke (31) 2017142219 (32) 21.07.2017 (33) Japan	(31) 201603520 (32) 29.02.2016 (33) United Kingdom
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(32) 17.02.2017	(22) 05.04.2019	(33) United States of America
(33) Japan	(54) VACUUM HANDLING DEVICE	(51) B26D 7/18
(51) B25J 9/22	(73) J. Schmalz GmbH	(11) EP3513935
B23Q 7/04	(72) Dunkmann, Walter	(21) EP17850628.3
B25J 9/02	Schaaf, Walter	(47) 21.06.2023
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B25J 13/08	(33) Germany	(54) CUTTING DEVICE AND
B25J 15/02	(51) B25J 19/00	MANUFACTURING APPARATUS
B23Q 1/62	(11) EP3461599	COMPRISING SUCH A CUTTING
G05B 19/423	(21) EP18197157.3	DEVICE
(11) EP3278939	(47) 21.06.2023	(73) Yoshino Gypsum Co., Ltd.
(21) EP16772102.6	(22) 27.09.2018	(72) NIIMI, Katsumi
(47) 21.06.2023	(54) ROBOT	TAKAHASHI, Masaaki
(87) JP2016056987	(73) Seiko Epson Corporation	YOSHIDA, Tsuyoshi
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(22) 07.03.2016	(31) 2017192075	(31) 2016179922
(54) WORKPIECE LOADER DEVICE	(32) 29.09.2017	(32) 14.09.2016
(73) DMG Mori Co., Ltd.	(33) Japan	(33) Japan
(72) YASUDA Hiroshi	(51) B26D 1/00	(51) B26D 7/32
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(51) B25J 11/00	(47) 21.06.2023	AND METHOD, FOR A FOOD SLICER
B25J 9/16	(22) 07.08.2017	MACHINE
B25J 15/04	(54) CUTTING BLADE	(73) Inndeo Proyectos Industriales, S.L.
(11) EP3934862	(73) Weber Maschinenbau GmbH	(72) DE LA RED BELLVIS, Emilio
(21) EP21721895.7	Breidenbach	CALLEN BARCELONA, Iván
(47) 21.06.2023	(72) Nispel, Thomas	ARTAL GONZÁLEZ, Daniel
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(54) RAPID CLAMPING SYSTEM FOR	(51) B26D 1/08	(11) EP3858566
CONNECTING MACHINE TOOLS TO A	B26D 5/16	(21) EP21153385.6
ROBOT	B26D 7/04	(47) 21.06.2023
(73) Ferrobotics Compliant Robot Technology	(11) EP4059675	(22) 26.01.2021
GmbH	(21) EP21163028.0	(54) CUTTING TOOL AND CHAIN CUTTING
(72) NADERER, Ronald	(47) 21.06.2023	MACHINE FOR STONES AND SIMILAR
(31) 102020111292	(22) 17.03.2021	MATERIAL
(32) 24.04.2020	(54) CUTTING MACHINE WITH FORCED	(73) Bigini, Fabio
(33) Germany	PRESSING/CUTTING PROCESS	(72) Bigini, Fabio
(51) B25J 15/04	(73) Krug & Priester GmbH & Co. KG	(31) 202000001606
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(32) 29.01.2018	(22) 17.12.2020	HYDROPHOBIZED FIBER CEMENT
11.10.2017	(54) APPARATUS FOR ADJUSTING A	PRODUCT
(33) Denmark	KNIFE EDGE OFFSET IN A CUTTER	(73) Etex Germany Exteriors GmbH
Denmark	TOOLHEAD	(72) REINTJES, Frank
(51) B25J 15/06	(73) Gerber Technology LLC	BEERMANN, Mario
B25J 19/06	(72) STEIN, Darryl C.	ORLOWSKI, Michael
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24.08.2017	(54) DEVICE AND METHOD FOR	14.01.2021
(22) 15.02.2017	PRODUCING A MOULDING OF	(22) 05.07.2019
(54) SYSTEM AND METHOD FOR	SURFACE PROPERTIES	(54) METAL-RESIN COMPOSITE
PRODUCING CONCRETE PRODUCTS	(73) Technische Universität Darmstadt	PRODUCTION METHOD
IN A CASTING PROCESS	(72) HEIM, Lars-Oliver	(73) NISSAN MOTOR Co., Ltd.
(73) Schlüsselbauer, Ulrich	GOLOVKO, Dmytro	Renault s.a.s
(72) Schlüsselbauer, Ulrich	(31) 102015108327	(72) ODA, Takashi
(31) 102016202411	(32) 27.05.2015	KOYAMA, Masaki
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B31B 50/84	B29D 99/00	(11) EP3815871
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B29C 45/27	B29C 70/46	(47) 21.06.2023
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B65B 61/18	(22) 20.07.2020	(73) NISSAN MOTOR CO., LTD.
B29C 45/14	(54) FABRICATION METHOD AND	(72) KOYAMA, Masaki
B65B 9/12	APPARATUS FOR CREATING LARGE	ODA, Takashi
(11) EP3950253	AND/OR COMPLEX THERMOPLASTIC	MOROHOSHI, Katsumi
(21) EP21182708.4	COMPOSITE COMPONENTS	(51) B29C 45/67
(47) 21.06.2023	(73) The Boeing Company	(11) EP3827960
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(54) MOLDING APPARATUS FOR MOLDING	Rubin, Alexander M.	(47) 21.06.2023
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(73) Tetra Laval Holdings & Finance S.A.	(32) 27.08.2019	(72) MORIYA, Tomohiro
(72) GOLFIERI, Daniele	(33) United States of America	TERADA, Shinji
STAGLIANO, Armando	(51) B29C 43/36	OGIWARA, Toshiki
MARTINI, Pietro	B29C 43/02	TSUNEMI, Koki
MORCIANO, Alessio	B29C 33/40	MARUTA, Yosuke
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B29C 33/44	B29C 43/56	(51) B29C 45/83
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B29C 45/40	B29C 33/56	B29C 45/66
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26.11.2020	(54) USE OF AN APPARATUS FOR	(22) 20.03.2019
(22) 13.05.2020	MANUFACTURING CUTTING-EDGE	(54) INJECTION MOLDING MACHINE
(54) INJECTION-MOULDING TOOL WITH	STRUCTURES	(73) Sumitomo Heavy Industries, Ltd.
CENTERING DEVICE	(73) The Gillette Company LLC	(72) MOROZUMI, Tomohito
(73) Fostag Formenbau AG	(72) SONNENBERG, Neville	KOBAYASHI, Akihisa
(72) MÜHLEMANN, Rolf	RAO, Abhinav	TANAKA, Yoshitada
(31) 2572020	HART, Anastasios John	ITO, Yosuke
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(54) METHOD FOR EASILY STARTING OF A PRODUCTION PLANT FOR PRODUCING EXTRUDED PANELS	(11) EP3705259	(22) 23.10.2019
(73) Akzenta Paneele + Profile GmbH	(21) EP20166834.0	(54) SELECTIVE THERMOFORMING OF INJECTION MOLDED PARTS
(72) HANNIG, Hans-Jürgen	(47) 21.06.2023	(73) The Stanley Works Israel Ltd.
HÜLLENKREMER, Felix	(22) 07.03.2012	(72) EVRON, Nir Joseph
WENDLING, Peter	(54) SYSTEM FOR ASSISTING WITH THE CHANGE OF MOULD FOR MOULDING UNIT OF A CONTAINER MANUFACTURING MACHINE	BIRNBAUM, Miki
(51) B29C 48/08	(73) Sidel Participations	(51) B29C 53/52
B29C 55/06	(72) CIRETTE, Damien	B65B 9/22
(11) EP3733373	PRIEUR, Arnaud	B29L 31/00
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(54) PLANT AND PROCESS FOR PRODUCING A PLASTIC STRETCH FILM	(51) B29C 49/48	(47) 21.06.2023
(73) Amut S.p.A.	B29C 49/06	(22) 26.02.2021
(72) PROVERA, Vander	B29C 49/78	(54) UNIT AND METHOD FOR FORMING A TUBE FOR PRODUCING SEALED PACKAGES STARTING FROM A SHEET OF PACKAGING MATERIAL
(51) B29C 48/50	B29K 67/00	(73) Tetra Laval Holdings & Finance S.A.
B29C 48/56	B29L 31/00	(72) COSTA, Stefano
(11) EP3702125	(11) EP4028237	CALTABIANO, Gianfranco
(21) EP20159818.2	(21) EP20768343.4	BORSARI, Roberto
(47) 21.06.2023	(47) 21.06.2023	MORSELLI, Gianni
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(54) RUBBER EXTRUDER AND METHOD FOR EXTRUDING RUBBER	18.03.2021	(32) 03.03.2020
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(72) KOJIMA, Ryoji	(54) METHOD FOR MANUFACTURING A PLASTIC CONTAINER, COMPRISING NON-REFRIGERATED COOLING OF A MOULD BASE	(51) B29C 61/06
KAWAMURA, Takanobu	(73) Sidel Participations	H02G 15/18
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(33) Japan	B29C 49/06	(73) Iprotex GmbH & Co. KG
Japan	B29C 49/06	(72) KEFES, Maximilian
Japan	H05B 3/00	BERGMANN, Norbert
(51) B29C 49/42	H05B 3/42	PIWONSKI, Timo
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(54) METHOD FOR GUIDING A STRAIGHTENED PREFORM IN A GAP IN A DEVICE FOR ALIGNING AND STRAIGHTENING PREFORMS, AND ASSOCIATED ALIGNING AND STRAIGHTENING DEVICE	FIRCHAU, Daniel	(22) 16.03.2018
(73) Sidel Participations	ULUTÜRK, Deniz	(54) TEXTILE TUBE
(72) MAZO, Eric	MEYER, Niels	(73) Iprotex GmbH & Co. KG
WILLIG, Frédéric	(31) 102017008445	(72) WYRWIS, Bernd
DEBRIS, Anthony	(32) 08.09.2017	PIWONSKI, Timo
BERTIN, Pascal	(33) Germany	(31) 102017002902
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PACKAGE	IANNI, John	MANUFACTURING A PORTION UNIT
(73) Fuji Seal International, Inc.	MERCANDETTI, Mark	OF A WASHING AGENT
(72) MATSUNAGA Gosuke	PAWLAK, John	(73) Henkel AG & Co. KGaA
MIYAZAKI Akira	CHENG, Chieh-Min	(72) Meier, Frank
YOSHIDA Nao	(31) 202016818754	Sunder, Matthias
ETANI Yukitoshi	(32) 13.03.2020	(31) 102019207162
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B29C 64/129	B33Y 30/00	B29C 33/30
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19.01.2017	(22) 27.06.2017	(22) 16.10.2019
(22) 13.07.2016	(54) METHOD FOR LEVELING A 3-D	(54) IMPROVEMENTS RELATING TO WIND
(54) ADDITIVE MANUFACTURING DEVICE	PRINTING PLATFORM AND A 3-D	TURBINE BLADE MANUFACTURE
FOR MANUFACTURING A THREE	PLATFORM WITH ADJUSTABLE LEVEL	(73) VESTAS WIND SYSTEMS A/S
DIMENSIONAL OBJECT	(73) Robert Bosch GmbH	(72) SMITH, Jonathan
(73) Admatec Europe B.V.	(72) SHARE, Eli Charles	RIMMER, John
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(47) 21.06.2023	(54) PASSENGER RESTRAINT WITH INTEGRATED LIGHTING	(72) GOTOU, Akinobu
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(54) COMPACT POWER RUNNING BOARD	(72) HALL, Gregory S.	(51) B60T 8/17
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(72) Long, Albert Yuguang	201762492128 P	B60T 13/68
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(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	(51) B60W 30/14 B60W 50/00 G05D 1/02	(22) 07.06.2019 (54) A TIME SOURCE RECOVERY SYSTEM FOR AN AUTONOMOUS DRIVING VEHICLE
(72) BELLING, Michael KAUFMANN, Christian	B60W 30/16 H04B 10/114 H04B 10/116	(73) Baidu USA LLC (72) Kwan, Oh Zhang, Manjiang You, Xiangtao Zhang, Tiffany Zhou, Xu
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(51) B60T 8/74 (11) EP3684660 (21) EP18789321.9 (47) 21.06.2023 (87) EP2018074823 28.03.2019 (22) 13.09.2018 (54) METHOD AND DEVICE FOR CONTROLLING A PARKING BRAKE	(54) METHOD FOR OPERATING A NON-TRACK-BOUND COLUMN OF VEHICLES AND DRIVER ASSISTANCE SYSTEM AND NON-TRACK BOUND COLUMN	(51) B60W 50/14 B60W 30/00 G08G 1/0962 G08G 1/16 B60W 60/00 B60W 40/04 B60W 50/08
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(72) UDVARDY, Oliver KERNER, Peter	(72) KRUPPA, Philipp KLUFTINGER, Andre	(73) Hitachi Astemo, Ltd. (72) MITSUHASHI, Masahito (31) 2017077136 (32) 07.04.2017 (33) Japan
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(51) B60T 13/66 B60T 17/22 B60T 13/26 (11) EP3697654 (21) EP18712523.2 (47) 21.06.2023 (87) EP2018055985 25.04.2019 (22) 09.03.2018 (54) REDUNDANCY ARCHITECTURE FOR SYSTEMS OF HIGH-LEVEL AUTOMATION	(51) B60W 40/08 (11) EP3405375 (21) EP16812934.4 (47) 21.06.2023 (87) EP2016080972 27.07.2017 (22) 14.12.2016 (54) METHOD FOR CLASSIFYING DRIVER MOVEMENTS	(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	(73) Robert Bosch GmbH	(72) NOHL, Andreas KLEIN, Markus GÜCKER, Ulrich KRABOT, Mátyás DOCZY, Csaba JOZSA, Gergely ROZSA, Tamas
(72) HECKER, Falk MUSTAPHA, Adnan JUNDT, Oliver	(72) KORTHAUER, Andreas KRAUTTER, Wolfgang BIEG, Hans-Joachim FISCHER, Jonathan	(31) 102015117976 (32) 22.10.2015 (33) Germany
(31) 102017218488 (32) 16.10.2017 (33) Germany	(31) 102016215291 102016200856 (32) 17.08.2016 21.01.2016 (33) Germany Germany	(51) B61D 1/00 B61D 17/22 B61F 1/10 B61G 11/16 (11) EP3670286 (21) EP19215685.9 (47) 21.06.2023 (22) 12.12.2019 (54) CARRIAGE AND RAIL VEHICLE
(51) B60W 30/06 B60W 60/00 G05D 1/02 B62D 15/02 G08G 1/14 G06V 20/58 G08G 1/16 (11) EP3914492 (21) EP20816079.6 (47) 21.06.2023 (87) CN2020082398 07.10.2021 (22) 31.03.2020 (54) A PARKING-TRAJECTORY GENERATION METHOD COMBINED WITH OFFLINE AND ONLINE SOLUTIONS	(51) B60W 50/00 B60W 50/08 B60W 50/10 (11) EP3752401 (21) EP19701492.1 (47) 21.06.2023 (87) EP2019051416 15.08.2019 (22) 22.01.2019 (54) METHOD FOR SELECTING A DRIVING PROFILE OF A MOTOR CAR, DRIVING ASSISTANCE SYSTEM AND MOTOR VEHICLE	(73) Bombardier Transportation GmbH
(73) Baidu.com Times Technology (Beijing) Co., Ltd. Baidu USA LLC	(73) VOLKSWAGEN AKTIENGESELLSCHAFT	
(72) XU, Xin ZHU, Fan	(72) GOHLKE, Julia HOCHREIN, Paul SPAHR, Holger	
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(51) B61D 37/00	(73) Power Link Security, S.L.	(21) EP20160711.6
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(31) 102019202593	(73) CRRG Zhuzhou Locomotive Co., Ltd.	(47) 21.06.2023
(32) 26.02.2019	(72) FANG, Changzheng	(22) 04.11.2020
(33) Germany	(72) FANG, Changzheng	(54) MULTI-BASKET BABY CARRIAGE
(51) B61F 5/10	ZHOU, Shihua	(73) Wonderland Switzerland AG
B61F 5/22	LIU, Quan	(72) WU, HaiTao
(11) EP3892515	ZHANG, Shifeng	WANG, Er-Xue
(21) EP21167034.4	HU, Bin	CHEN, Yanmin
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(54) HYDROPNEUMATIC SUSPENSION FOR A VEHICLE	(33) China	(33) China
(73) Liebherr-Transportation Systems GmbH & Co. KG	(51) B61L 23/04	(51) B62D 1/19
(72) Schneider, Richard	(11) EP3116761	(11) EP3707054
(31) 102020109599	(21) EP15707901.3	(21) EP18796910.0
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(11) EP3816011	(54) OBSTACLE DETECTION DEVICE AND METHOD FOR RAILWAY VEHICLES	(54) ENERGY-ABSORBING STEERING COLUMN ASSEMBLY
(21) EP19837364.9	(73) Siemens Mobility Austria GmbH	(73) thyssenkrupp Presta AG
(47) 21.06.2023	(72) SALZGEBER, Gerard	thyssenkrupp AG
(87) CN2019096064	(31) 501812014	(72) RIST, Sascha
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(54) LIGHT RAIL VEHICLE BOGIE	(51) B62B 1/12	(33) United States of America
(73) CRRG Zhuzhou Locomotive Co., Ltd	B62B 1/00	(51) B62D 5/04
(72) LIU, Yulong	(11) EP3838711	(11) EP3752407
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CHEN, Jian	(47) 21.06.2023	(47) 21.06.2023
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HE, Shizhong	(31) 102019135040	thyssenkrupp AG
(31) 201810782629	(32) 19.12.2019	(72) BALOGH, Andras
(32) 17.07.2018	(33) Germany	HORVATH, Gergely
(33) China	(51) B62B 5/00	VARGA, Tamas
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(22) 06.08.2019	(11) EP3976446	(31) 102016004530
(54) STEERING-RACK-FORCE OPTIMISED STEERING SENSATION OF A STEER- BY-WIRE MOTOR VEHICLE STEERING SYSTEM	(21) EP20742312.0 (47) 21.06.2023 (87) FR2020050927 03.12.2020	(32) 13.04.2016 (33) Germany
(73) thyssenkrupp Presta AG thyssenkrupp AG	(22) 30.05.2020	(51) B62D 53/00 B62D 65/18 G05D 1/02
(72) ROHRMOSER, Manuel	(54) ELECTRICAL VEHICLE COMPRISING A NESTING SYSTEM OF SEVERAL SUCCESSIVE VEHICLES IN PARKING MODE	(11) EP3976447 (21) EP20724478.1 (47) 21.06.2023 (87) EP2020062547 03.12.2020
(31) 102018119268 (32) 08.08.2018 (33) Germany	(73) Caron, Jean-Michel (72) Caron, Jean-Michel (31) 1905800 (32) 31.05.2019 (33) France	(22) 06.05.2020 (54) SYSTEM COMPRISING A TUGGER TRAIN AND AT LEAST ONE STATIONARY TRANSFER STATION
(51) B62D 11/20 B62D 55/065 B62D 55/084 B62D 55/116	(51) B62D 31/02 B62D 21/09 B60K 1/04 B62D 24/00 B62D 25/04 B62D 25/06 B60J 5/04 B60J 5/06	(73) LR Intralogistik GmbH (72) BERGHAMMER, Fritz (31) 102019114134 (32) 27.05.2019 (33) Germany
(11) EP3560795 (21) EP19170946.8 (47) 21.06.2023 (22) 24.04.2019	(54) SELF-PROPELLED DEVICE FOR ENTERING AND MOVING SPECIFIC EQUIPMENT INSIDE CONFINED ENVIRONMENTS WITH MUDDY SEDIMENTS ON THE BOTTOM	(51) B62D 53/08 (11) EP3996978 (21) EP20737162.6 (47) 21.06.2023 (87) EP2020069019 14.01.2021 (22) 06.07.2020
(73) Gerotto Federico S.r.l. (72) Feletto, Alberto Gerotto, Alessandro Gerotto, Gastone Gerotto, Roberto	(11) EP3889010 (21) EP21166103.8 (47) 21.06.2023 (22) 30.03.2021	(54) ADAPTER SYSTEM FOR A SEMI- TRAILER ARRANGEMENT
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(73) MAN Truck & Bus SE (72) Sattler, Steve Hintereeder, Jürgen Drescher, Benjamin Hörmann, Robert	(73) MDB SRL (72) DI BIASE, Mario (31) 201800009635 (32) 19.10.2018 (33) Italy	(73) Komatsu Forest AB (72) PETERSSON, Henry MILAND, Espen (31) 1850644 (32) 28.05.2018 (33) Sweden
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(72) RUDYS, Saulius	(31) 102017130966	(21) EP20171575.2
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PAZULLA, Martin	Japan	(72) TRAVIS, Robert D.
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B60K 1/04	(33) France	(31) 2103064
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B62J 1/12	(11) EP3676171	(51) B64C 21/02
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(54) BATTERY ATTACHING/DETACHING STRUCTURE FOR SADDLE-TYPE VEHICLE	(73) Japan Agency for Marine-Earth Science and Technology	(73) Airbus Operations GmbH
(73) HONDA MOTOR CO., LTD.	Okamoto Glass Co., Ltd.	(72) Heuer, Thomas
(72) OKABE, Sadataka	(72) MIWA Tetsuya	(31) 102017123440
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(54) TILT WINGED MULTI ROTOR	AN AIRCRAFT PROPULSION SYSTEM	B65B 43/58
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(72) Amit, Regev	(72) PRETTY, Sean	B65B 57/16
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(72) D'SOUZA, Lawrence	DEVICE	SPANIEL, Petr
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(22) 21.12.2017	(54) METHOD FOR PRODUCING	(47) 21.06.2023
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A01K 63/00	(22) 25.04.2018	C07C 233/15
C02F 3/32	(54) PRODUCTION METHOD FOR	C07C 233/25
C02F 3/34	HEXAFLUORO-1,3-BUTADIENE	C07D 207/00
C02F 103/20	(73) Resonac Corporation	A61P 1/16
C02F 101/16	(72) FUKUCHI Yohsuke	(11) EP3969436
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STREAMS WITH A MEDIA BED	(51) C07C 17/25	THEIR USE
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(72) NICKERSON, Paul, W.	C09K 5/04	CHIELLINI, Grazia
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C07C 247/04	ENZALUTAMIDE USING NOVEL	(72) QUATTROPANI, Anna
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A61L 31/00	(73) Aarti Industries Limited	GIRI, Awadut Gajendra
C07C 275/16	(72) DESAI, Parimal Hasmukhlal	HETT, Robert
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(54) METHOD FOR PRODUCING	11.07.2019	KONDO Norihisa
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A61K 31/537	(73) Merck Patent GmbH	SHIRAI, Junya
A61P 31/18	(72) LANGE, Michael	NAKAHATA, Takashi
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A61P 5/50	(73) Novo Nordisk A/S	PICHLER, Bernd
A61P 7/02	(72) KRUSE, Thomas	SCHULZE-OSTHOFF, Klaus
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AND USE THEREOF AS INK	(73) Dow Global Technologies, LLC	H01M 4/1391
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(73) BASF SE	LIN, Yijian	H01M 4/525
(72) Li, Li	ONER-DELIORMANLI, Didem	H01M 4/62
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C08L 9/00	C08G 73/02	(73) Denka Company Limited
C08L 53/00	A61K 47/32	(72) NAKANISHI, Soichiro
C08F 36/06	C07C 233/05	NARUTOMI, Takuya
C08C 19/25	A61K 9/00	SUZUKI, Shigeru
C08L 53/02	A61K 47/02	WATANABE, Jun
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(47) 21.06.2023	C09D 151/06	(72) KIM, Min Jung
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TERPOLYMER - C3C4 COPOLYMER	C09D 123/26	JOE, Wang Rae
BLEND AND C2C3C4 TERPOLYMER -	(11) EP3662488	PARK, Jang Won
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(51) C08F 210/16	(73) DOW GLOBAL TECHNOLOGIES LLC	C08L 83/10
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C08L 23/08	(72) ZHANG, Yichi	C08G 77/442
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COMPOUND FOR PREPARING SAME,	C08G 18/18	Japan
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C08G 77/20	CHAUDHARY, Bharat I.	(72) JOHANN, Wolfgang
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(73) Dow Silicones Corporation	C08L 29/04	C08F 290/02
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WANG, Jin	FINISH MODIFICATION	B32B 27/20
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C08F 4/659	(47) 21.06.2023	NEDERBERG, Fredrik
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INCLINED WIRE FORMER AND A	(73) Plasser & Theurer Export Von	(32) 31.07.2019
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(73) Voith Patent GmbH	(72) WÖRGÖTTER, Herbert	(51) E01C 19/48
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(22) 12.05.2020	G01D 18/00	APPLYING, DISTRIBUTING AND
(54) METHOD AND DEVICE FOR	B61K 9/08	COMPACTING FEED MATERIAL IN
THE DETERMINATION OF A	B61L 25/02	DEFINED LAYER HEIGHTS
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ZHANG, Boya	E02F 9/20	CHIBA, Takaaki
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HICHER, Patrick	IMURA, Shinya	METHOD FOR CARRYING OUT
(51) E02F 3/36	HITA, Masafumi	HYGIENIC WASHES
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F16B 12/26	MAGNI, Arianna	(11) EP3748103
F16B 5/07	PINNA, Antonio	(21) EP20177485.8
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(54) CONNECTOR FOR TWO WORKPIECES	(51) E04B 9/04	(72) Messerschmitt, Boris
(73) Knapp GmbH	E04B 9/06	Dünchem, Tobias
(72) KNAPP, Friedrich	E04B 9/28	(31) 102019114831
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HWANG, Jisu	(22) 18.10.2019	Wissling, Matthias
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(51) F04D 25/08	MESTURINI, Davide	(51) F16B 33/00
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(72) SADAKATA, Kenta	(21) EP20159119.5	FITTING
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(73) Edwards, S.R.O.	(73) Pittway Sarl	KALATA, Gregory, S.
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(72) POKRYWINSKI, Karol	Korea (Republic)	CHEN, Jianquan
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(72) Thater, Marcel	Vöcking, Henner	(72) Gruber, Markus
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(54) SECURE BLOCKCHAIN INTEGRATED	(22) 05.10.2017	(54) METHOD FOR PRODUCING A
CIRCUIT	(54) MOBILE IMAGING BARCODE	PRINTED PRODUCT WITH AT LEAST
(73) Shi, Alexander	SCANNER	ONE NON-IMPACT PRINTING UNIT
(72) Shi, Alexander	(73) Hand Held Products, Inc.	AND PRINTED PRODUCT

(73) Koenig & Bauer AG	(72) HANAJIMA, Masaki	G06Q 20/34
(72) Breunig, Hartmut	YOSHIOKA, Shiro	G06Q 20/38
Ebersbach, Steffen	OTAKA, Akira	G07F 7/08
(31) 102019101578	TANGE, Shota	H04B 1/3827
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(33) Germany	(32) 20.02.2019	(21) EP18201011.6
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(21) EP18206123.4	G09B 9/048	ACTIVATING A PORTABLE
(47) 21.06.2023	G09B 9/052	CONTACTLESS PAYMENT OBJECT
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(33) Japan	SKILL EVALUATION METHOD, AND	H04W 8/26
(51) G06N 3/08	RECORDING MEDIUM	H04M 15/00
G06N 3/04	(73) KOBELCO CONSTRUCTION	H04W 60/00
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(72) HUANG, Yanping	(21) EP17772867.2	(72) LAW, Simon
AGGARWAL, Alok	(47) 21.06.2023	POON, Dennis
LE, Quoc V.	(87) AU2017000078	BURNISON, Richard
REAL, Esteban Alberto	05.10.2017	BOKSER, Jerry
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(22) 21.11.2016	G06Q 10/08	United States of America
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(73) Microsoft Technology Licensing, LLC	(21) EP17767970.1	(11) EP3485449
(72) SINGH, Rishabh	(47) 21.06.2023	(21) EP17706014.2
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(32) 08.12.2015	08.03.2018	(87) US2017015457
(33) United States of America	(22) 01.09.2017	14.06.2018
(51) G06Q 10/063	(54) ITEM STORAGE ARRAY FOR MOBILE	(22) 27.01.2017
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(22) 18.02.2020	JOHNSON, Sean	(72) LEWIS, Justin
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OPERATING DEVICE, DENTAL	JOHNSON, Ryan	(31) 201662430331 P
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(73) DGSHAPE Corporation	(51) G06Q 20/32	H04N 7/00

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H04N 7/08	(11) EP3872753	(11) EP3349181
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(22) 26.08.2015	(54) WRINKLE DETECTION METHOD AND	RENDERING COMPLEXITY USING
(54) IMAGE GENERATION DEVICE,	TERMINAL DEVICE	COST INDICATIONS FOR SETS OF
IMAGE EXTRACTION DEVICE, IMAGE	(73) Honor Device Co., Ltd.	TILES OF A RENDERING SPACE
GENERATION METHOD, AND IMAGE	(72) HU, Hongwei	(73) Imagination Technologies Limited
EXTRACTION METHOD	DONG, Chen	(72) Howson, John
(73) Sony Interactive Entertainment Inc.	DING, Xin	Broadhurst, Richard
(72) AOKI, Sachiyo	GAO, Wenmei	Fishwick, Steven
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(47) 21.06.2023	ANONYMIZING CONTENT TO	(22) 24.03.2020
(87) US2018022671	PROTECT PRIVACY	(54) TARGET DETECTION METHOD,
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(22) 15.03.2018	(72) ESWARA, Lalitha M.	VISUALLY IMPAIRED PEOPLE,
(54) DETERMINING PRODUCT	JAIN, Abhisekh	ELECTRONIC DEVICE, AND MEDIUM
PLACEMENT COMPLIANCE	SHAIK, Ismaiel	(73) NEXTVPU (SHANGHAI) CO., LTD.
(73) Kellogg Company	(31) 201916378379	(72) CAI, Haijiao
(72) MURTHY, Ganapa Sashidhara	(32) 08.04.2019	FENG, Xinpeng
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DETECTED OBJECT	LI, Yuanhang	PROVIDING FAST SEMANTIC
(73) Mobileye Vision Technologies Ltd.	YUN, Ting	PROPOSALS FOR IMAGE AND VIDEO
(72) DAGAN, Erez	CHEN, Guoqing	ANNOTATION
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(73) Google LLC	DEVICE	(22) 15.11.2019
(72) SOWDEN, Paul	(73) Qualcomm Incorporated	

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(22) 10.09.2019	(33) United States of America United States of America	(51) G06V 40/13 G06K 19/07 G06T 5/50 G06K 19/073
(54) DEVICE FOR OPTICAL CAPTURE OF AT LEAST A PART OF A DOCUMENT, AND USE OF SUCH A DEVICE	(51) G06V 20/58 G06V 40/10 B60R 1/00	(11) EP3983939 (21) EP21787703.4 (47) 21.06.2023 (87) SE2021050326 21.10.2021
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(32) 13.09.2018	(22) 28.10.2015	(72) SÖDERBERG, Per
(33) Germany	(54) OUTSIDE ENVIRONMENT RECOGNITION DEVICE FOR VEHICLES AND VEHICLE BEHAVIOR CONTROL DEVICE USING SAME	NYGREN, Daniel
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DEVICE, APPARATUS, AND DATA	(54) ACTIVE RFID TAG AND PRODUCT	B60W 30/095
STORAGE MEDIUM	SURVEILLANCE METHOD	B60W 10/00
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Company Limited	(72) VAATTOVAARA, Teemu	(11) EP3361465
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(11) EP3407309	OKKONEN, Jyrki	PROGRAM
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E05G 5/00	(51) G08B 21/12	G07C 5/00
E05G 5/02	G01N 33/00	(11) EP3832622
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(22) 02.11.2016	(47) 21.06.2023	(54) INFORMATION MANAGEMENT
(54) METHOD, DEVICE AND SYSTEM FOR	(87) EP2020072644	DEVICE, VEHICLE, AND METHOD
CONTROLLING OPENING OF AB	11.03.2021	(73) HONDA MOTOR CO., LTD.
DOORS	(22) 12.08.2020	(72) TAKEGOSHI, Katsuya
(73) Hangzhou Hikvision Digital Technology	(54) GAS DETECTOR	NISHIMIYA, Satoshi
Co., Ltd.	(73) OPTRONICS TECHNOLOGY AS	MUTA, Hiroki
(72) ZHANG, Dong	(72) STORÅS, Preben	HATANNO, Teruki
KANG, Weichang	IRVAM, Lasse	WATANABE, Yoshimi
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G07D 11/23	G06F 3/16	(11) EP3194273
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TAGASHIRA, Kenichi	DETERMINING PROXIMITY OF	CARRO, Eduardo, M.

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(32) 15.09.2014	BOWED INSTRUMENT, AND BOWED	VOICE QUERIES
(33) United States of America	INSTRUMENT COMPRISING SUCH A	(73) Google LLC
(51) G09B 23/28	DEVICE	(72) GRUENSTEIN, Alexander H.
(11) EP3392862	(73) BATICCI, Alessandro	KRACUN, Aleksandar
(21) EP17382210.7	Zalech, Rafal	SHARIFI, Matthew
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(73) Fundació Hospital Universitari Vall	(32) 29.11.2019	(51) G10L 15/22
d'Hebron - Institut de Recerca	(33) Austria	G06F 40/205
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Torrente Ortiz, Antonio Miguel	B32B 3/26	(47) 21.06.2023
Fort Fernández, Santiago	B32B 5/02	(87) IN2019050941
Adrover Nadal, Miquel Àngel	B32B 15/20	09.07.2020
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H04N 5/225	(21) EP19786374.9	(73) Dish Network Technologies India Pvt.
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H01M 50/30	(22) 30.06.2020	(54) BATTERY AND RELATED APPARATUS
H01M 10/04	(54) TOP COVER ASSEMBLY, SECONDARY	THEREOF, PREPARATION METHOD
H01M 10/647	BATTERY, AND APPARATUS USING	THEREFOR, AND PREPARATION
H01M 50/209	BATTERY	DEVICE THEREFOR
H01M 50/242	(73) Contemporary Amperex Technology Co.,	(73) Contemporary Amperex Technology Co.,
H01M 50/262	Limited	Limited
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(54) WAVEGUIDE POWER DIVIDER	(72) IZQUIERDO FERNANDEZ, Benjamin	DENG, Changshun
(73) European Space Agency	TUTUSAUS CARRETE, Pol	LONG, Ke
(72) Fonseca, Nelson	MAYER PUJADAS, Augusto	ZHAO, Shuchen
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(51) B61B 1/00 B63B 27/10 B63B 27/30 B65B 35/00 B65G 41/00	(00) 24.05.2023	(11) EP3380679
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(51) B63B 23/08 B63B 27/25 B63B 27/34 B63B 35/30 B63B 38/00 E02F 7/10 E21B 41/00	(00) 24.05.2023	(51) F16L 1/20 B66D 1/74
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VRB

**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) LIBRAN INTERNATIONAL B.V.	F26B 5/06	(71) GUANGDONG PRESTIGE
(73) LIBRAN INTERNATIONAL B.V.	(00) Change of owner(s) name	TECHNOLOGY COMPANY LIMITED
(11) 2009634	(71) Equus UK Topco Ltd	(73) GUANGDONG PRESTIGE
(00) 09.06.2023	(73) Equus UK Topco Ltd	TECHNOLOGY COMPANY LIMITED
(51) B65D 88/12	(11) EP2888313	(11) EP3508682
B65D 90/02	(00) 06.06.2023	(00) 12.06.2023
(00) Assignment	(51) C08G 73/10	(51) E06C 1/12
(71) Negusa Negast B.V.	C08L 79/08	(00) Change of owner(s) name
(73) Negusa Negast B.V.	C09D 179/08	(71) GUANGDONG PRESTIGE
(11) 2015050	C09J 179/08	TECHNOLOGY COMPANY LIMITED
(00) 07.06.2023	(00) Assignment	(73) GUANGDONG PRESTIGE
(51) A41G 5/00	(71) ANCI, Inc.	TECHNOLOGY COMPANY LIMITED
(00) Assignment	(73) ANCI, Inc.	(11) EP3613936
(71) LIBRAN INTERNATIONAL B.V.	(11) EP3445670	(00) 12.06.2023
(73) LIBRAN INTERNATIONAL B.V.	(00) 09.06.2023	(51) E06C 1/12
(11) 2016531	(51) B29C 55/04	E06C 7/00
(00) 09.06.2023	B65D 30/00	E06C 7/06
(51) B65D 90/10	B65D 55/02	(00) Change of owner(s) name
B65D 90/52	G09F 3/00	(71) Glatfelter Holding (Switzerland) AG
(00) Assignment	(00) Change of owner(s) name	(73) Glatfelter Holding (Switzerland) AG
(71) SANOFI	(71) MicroVision, Inc.	(11) EP3704292
(73) SANOFI	(73) MicroVision, Inc.	(00) 08.06.2023
(11) EP2702155	(11) EP3168641	(51) D04H 1/425
(00) 07.06.2023	(00) 09.06.2023	D04H 1/435
(51) A61P 35/00	(51) G01S 7/481	D04H 1/498
A61P 43/00	G01S 7/484	A61F 13/511
C12N 15/113	G01S 17/42	(00) Change of owner(s) name
(00) Assignment	G01S 7/486	(71) Pintail Power LLC
(71) Exo Imaging, Inc.	G01S 17/10	(73) Pintail Power LLC
(73) Exo Imaging, Inc.	(00) Assignment	(11) EP3152412
(11) EP1761456	(71) MicroVision GmbH	(00) 07.06.2023
(00) 07.06.2023	(73) MicroVision, Inc.	(51) F01K 23/10
(51) B81C 1/00	(11) EP3168641	F01K 3/18
(00) Assignment	(00) 09.06.2023	F22B 1/00
(71) LEVITATE TECHNOLOGIES, INC.	(51) G01S 7/481	F01K 23/18
(73) LEVITATE TECHNOLOGIES, INC.	G01S 7/484	F01K 7/16
(11) EP2665449	G01S 17/42	F01K 3/02
(00) 08.06.2023	G01S 7/486	F03G 6/00
(51) A61H 1/02	G01S 17/10	(00) Assignment
B25J 9/00	(00) Assignment	(71) Westlake Pipe & Fittings Corporation
(00) Assignment	(71) Butong Safety Technology (Ningbo) Co., Ltd	(73) Westlake Pipe & Fittings Corporation
(71) LEVITATE TECHNOLOGIES, INC.	(73) Butong Safety Technology (Ningbo) Co., Ltd	(11) EP3577382
(73) LEVITATE TECHNOLOGIES, INC.	(11) EP3608165	(00) 31.05.2023
(11) EP2931484	(00) 07.06.2023	(51) F16L 21/02
(00) 08.06.2023	(51) B60N 2/26	F16L 21/00
(51) A61H 1/02	B60N 2/70	F16L 25/00
B25J 3/00	B60N 2/28	F16L 37/14
B25J 9/00	B60N 2/68	F16L 39/00
A61B 90/00	B60N 2/68	F16L 37/088
A61B 90/60	(00) Assignment	(00) Change of owner(s) name
(00) Assignment	(71) Inner Mongolia Tongcheng Netcom Technology Co., Ltd.	
(71) NEW ENGLAND BIOLABS	(73) Inner Mongolia Tongcheng Netcom Technology Co., Ltd.	
LYOPHILIZATION SCIENCES LTD.	(11) 2029613	
(73) NEW ENGLAND BIOLABS	(00) 07.06.2023	
LYOPHILIZATION SCIENCES LTD.	(51) H02M 7/5387	
(11) EP2948181	H02M 7/5395	
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(51) A61K 9/19		
A61K 47/26		
C12N 9/12		

TVH

**Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.**

UP1

**Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.
Contains data concerning European patents with registered Unitary Effect.**

UP2

Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with registered request ex article 52a (restoration of validation right).

UP3

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.

Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.

UP4

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.

Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.

UP5

Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).

UP6

Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).